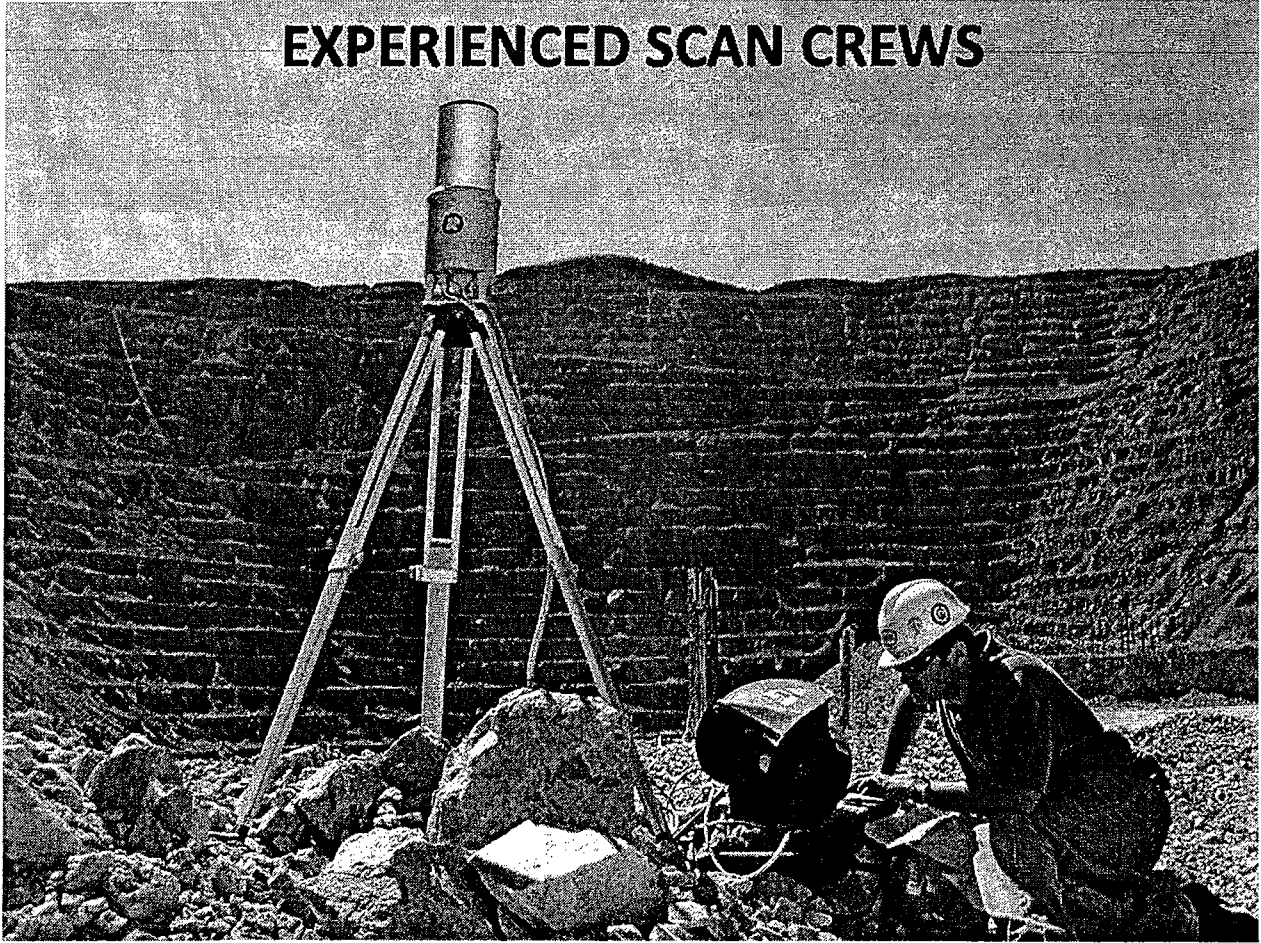
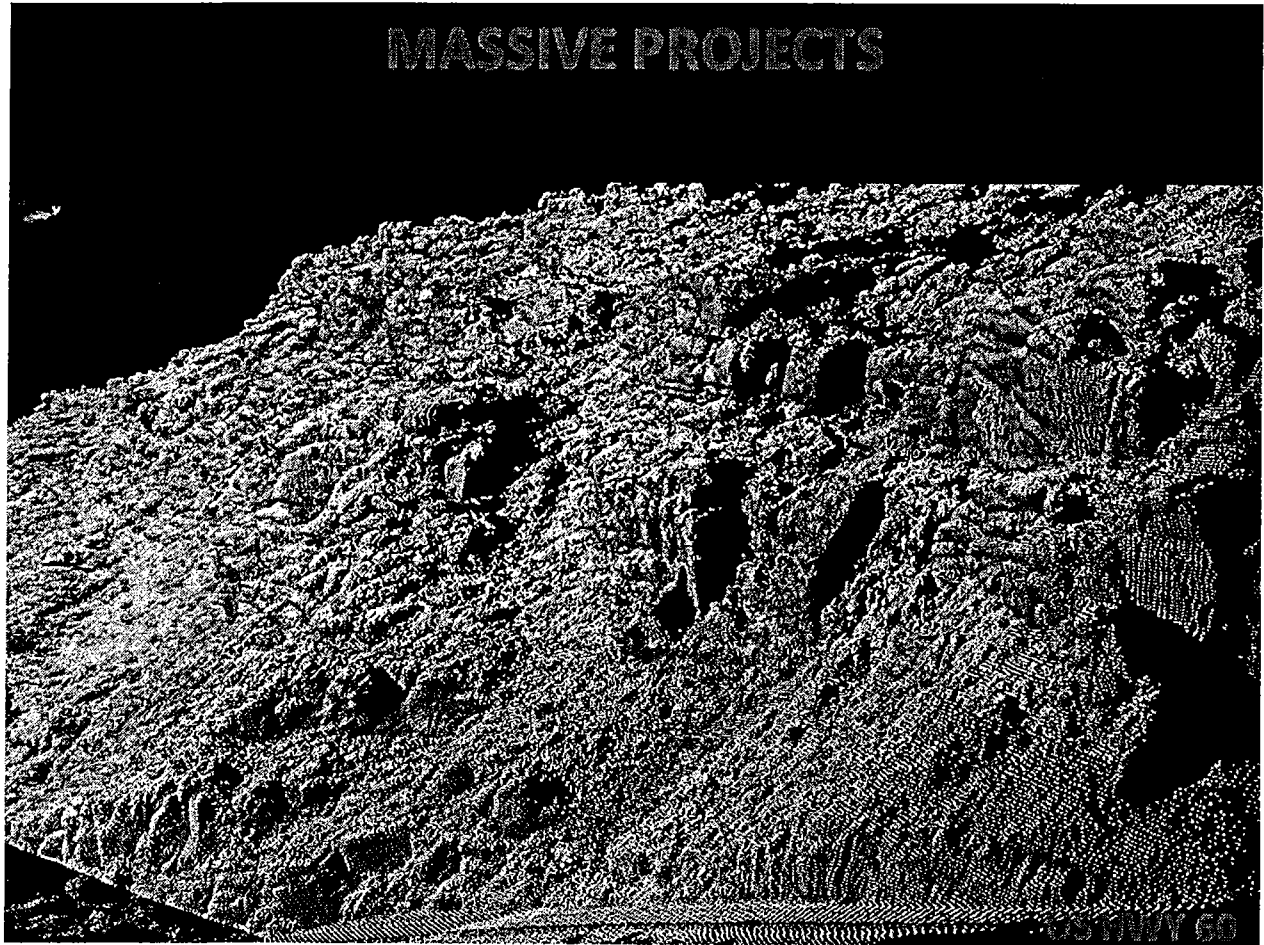


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Soledad Mountain Road – Chronology of Events

July 19, 2007

Resident of 5703 Soledad Mtn Road (Tom Crabbe) notified CD-2 of concerns regarding street cracking and sinking. Additionally, he reported a water leak that was being fixed by City crews. Mr. Crabbe also contacted the Water Dept. Director.

July 24, 2007

Rob Hawk visited 5700 block of Soledad Mtn Road. He investigated the cracks in the street and found “no discernable evidence of a major landslide.” He also spoke with Mr. Crabbe about his concerns.

August 6, 2007

Mr. Crabbe contacted CD-2 again about new cracks in Soledad Mtn Road. He also reported that the ground is sinking.

August 6, 2007

Site visit to Soledad Mtn Road by Jim Fisher, Water Dept. Operations Division Deputy Director. A water leak on 8/3, caused by a gasket pulling away from a stainless steel saddle, was repaired this date with a minimal amount of leakage. Water Dept. personnel met with Mr. Crabbe, who showed them additional ground subsidence and a crack at his house.

August 15, 2007

Meeting held with staff from E&CP and Water Dept. to discuss the situation at Soledad Mtn Road. Tom Zeleny was invited to attend the meeting, but did not attend.

September 9, 2007

Email from Soledad Mtn Road resident (Yolanda Braunagel) regarding concerns about the street sinking. In the email, she mentions that “My husband and I spoke to you briefly when you were here a few days ago.” Also mentioned is a sewer repair completed, but a return of the sewer smell.

September 14, 2007

Mr. Crabbe reported a new water leak on the 5700 block of Soledad Mtn Road to Rob Hawk. The leak was reported to the Water Dept. Rob Hawk then made a site visit to inspect the conditions. A meeting was scheduled for Monday, 9/17 regarding the 5700 block of Soledad Mtn Road. Invited to the meeting were E&CP, Water Dept. and City Attorney’s Office (Ray Palmucci). Water Dept. crews responded to repair the water leak.

September 17, 2007

Meeting conducted to discuss actions necessary at the 5700 block of Soledad Mtn Road. Attendees included Richard Haas, DCOO of Public Works; Afshin Oskoui, Hossein Ruhi and Rob Hawk, E&CP Dept.; Alex Ruiz and Jim Fisher, Water Dept.; and Mark Mercer, City Attorney’s Office. Action plans included highlining the water main along the 5700 block of Soledad Mtn Road; retaining a geotechnical engineering consultant to evaluate the situation; contact SDG&E regarding protecting their laterals; setting survey monitoring points on Soledad Mtn Road to evaluate movement; and drafting a letter to homeowners about soil movement and the City’s activities. Tom Zeleny, City Attorney’s Office, was to be added to the distribution list.

September 18, 2007

Peter Mesich, City Attorney's Office, provided guidance on the sole-source consultant contract for geotechnical consulting services.

Draft of letter to the homeowners sent by Rob Hawk for review and comments. The letter was sent to Mark Mercer, Ray Palmucci and Tom Zeleny, City Attorney's Office. Final review and approval was provided by Mark Mercer.

Letters were distributed by the homeowners in the area of 5700 Soledad Mtn Road during the evening hours.

September 25, 2007

Highlining of water service in the area of 5700 Soledad Mtn Road was completed.

Guidance received from Ray Palmucci, City Attorney's Office, regarding the fact that water highlining was not completed due to a lawsuit.

September 26, 2007

Sewer lines were televised to check on the integrity of the lines.

October 1, 2007

Meeting held with E&CP, Water, MWWD, Streets, Risk Mgmt, and City Attorney's Office (Mark Mercer and Ray Palmucci). Actions reported complete since the last meeting include: speed limit reduced from 35 to 25 mph; consultant contacted and notice-to-proceed to be issued today; police and fire notified of the situation; all residents of the impacted homes have been notified; sewers were televised, with no problems discovered; water service was highlined; SDG&E was contacted about their laterals; and Council Districts 1 and 2 have been notified.

Actions required include: declaration of emergency; request that DSD's building officials inspect the six affected homes; retain a contractor to perform emergency work if indicated after inclinometers are installed; and issue another letter to homeowners in the area about ongoing actions and irrigation restrictions.

Meeting conducted with Helenschmidt (geotechnical consultant) and Groundforce (construction contractor) about starting field work.

October 2, 2007

Rob Hawk notified Tom Zeleny, Ray Palmucci and Mark Mercer that the geotechnical consultant retained by the resident of 5725 Soledad Mtn Road recommended that his client not occupy the house, and that the City should "Red Tag" the house.

Draft letter recommending that residents of affected houses not sleep in their homes was distributed for review. Comments/revisions/approval were received from Tom Zeleny and Ray Palmucci, City Attorney's Office. The letter was distributed to the homeowners in the evening.

Helenschmidt and Groundforce on site. First inclinometer was installed.

October 3, 2007

Helenschmidt and Groundforce on site. Scheduled work includes installation of second inclinometer and boring for soil analysis.

Slope failure begins at approximately 8:50 AM.

From: Rob Hawk
To: JBatta@san-diego.gov,AOskoui@san-diego.gov,MGibson@san-diego.gov,DJarrell@san-diego.gov,RHaas@san-diego.gov
Date: 10/5/2007 5:57:30 AM
Subject: Re: Soledad - Soil Boring

Stan, Mike Stewert & I discussed a small boring within the slide mass to take moisture samples. They will be discussing that with Jamal today to move that forward as soon as they can get someone there. Once we have site control, we can have a crew safely go in there; the risk is small, and manageable as it is predominately trip-and-fall.

Robert N. Hawk, PE
Senior Engineering Geologist/Deputy City Engineer
City of San Diego, Engineering and Capital Projects
Field Engineering Division, MS 18
9485 Aero Drive San Diego, CA 92123
(858) 573-5011
(858) 627-3297 (Fax)
rhawk@san-diego.gov

Working Together to Engineer a Better Tomorrow

>>> Jamal Batta 10/04/07 3:51 PM >>>
FYI:

1. The consultant will finish the first boring on the south side by 7 p.m. it will be 100 ft deep. Stan Helenschmidt informed me that they didn't find any water. Mike Stewart a geologist from Leighton will go in the hole at 7:30 p.m. Stan is calling Ninyoo and Moore to verify if they want to go in the hole tonight or tomorrow morning.

2. Down in the alley we will be finishing with the first and only boring. It will be 50 ft deep. It is located north of the slide area.

3. Tomorrow we will do one more boring to the north of the area on Soledad.

Stan told me that we are doing just these 3 borings.

Thanks, jamal

Jim Fisher - Soledad Mtn Rd

From: Lynne Rich
To: Afshin Oskoui; Alex Ruiz; Conf CAB 11 Large; hossein ruhi ; Jay Goldstone; Jim Fisher; Richard Haas; Rob Hawk; Tim Bertch
Date: 10/5/2007
Time: 7:00 AM - 8:30 AM
Subject: Soledad Mtn Rd
Place: Conf CAB 11 Large
CC: Janet Bruce; Olivia Castillo; Sabrina Lozano; Shohreh Metanat

Please come prepared to meeting to substantiate time-line of event, July to the present, as well as what steps and actions were and have been taken. Bring staff as you feel appropriate.

Jim Fisher - Re: City Attorney Investigators visit to Chollas

From: Alex Ruiz
To: Greg Bych; Jim Barrett; Richard Haas
Date: 10/5/2007 9:22 AM
Subject: Re: City Attorney Investigators visit to Chollas
CC: James Coldren; Jim Fisher

Jim B/ Rich/ Greg B:

This communication is from Jim Coldren (Risk Mgt). Three CAO investigators showed up at Chollas yesterday and he provided them with all SR's on SMR from May forward. Jim Fisher and Jim Coldren will double check this information for completeness.

I informed Coldren of the policy on referring all CAO inquiries to Mayor's Office.

Alex

(619) 533-6692
Assistant Director
Water Department

>>> James Coldren 10/5/2007 8:22 AM >>>

Three City Attorney Investigators came to Chollas yesterday, October 4, 2007, to investigate alleged document destruction by the Water Department. They said the receptionist at the City Attorney's office received a phone call from an unidentified person who seemed to be disguising his voice and who alleged the Water Department was destroying documents related to the Mount Soledad slide.

I talked with the investigators for about 1 hour about procedures for processing crew Dailies and put them in touch with Jim Fisher. I also gave them a list of the SWIM Service Requests for Soledad Mountain Road since May 1 2007. As they had no information about what section or office the alleged destruction might be occurring at I was not able to help them further; I'm not even sure why they chose to come to Chollas except that they knew I worked at that location.

One has to wonder if someone is playing tricks on the City attorney since he seems to get these vague allegations called in regularly. Perhaps it is his reaction to apparently baseless rumor that is generating more such calls?

Jim Fisher - Soledad Mtn Timeline

From: Jim Fisher
To: David Jarrell; Richard Haas
Date: 10/5/2007 11:26 AM
Subject: Soledad Mtn Timeline

Rich/Dave, Attached is the time line for Water Department work associated with Soledad Mtn Rd. Jim

WATER OPERATIONS – Soledad Mountain Road Timeline:

- 7/19: Water Department received a call of water coming out of street at 5715 Soledad Mtn Rd. Call was received at 18:21 hours. Emergency Response crew responded at 19:21 hours and had the main shutdown by 21:10. A construction crew was dispatched at 20:00 hours and discovered the leak was a blown service. The repair was completed by 03:30 hours on 7/19. (SR 299660)
- 8/2: Water Department received a call at 11:37 hours that water was leaking from the repair patch from 7/19. Emergency Response crew responded at 13:00 hours and found no leak or evidence of water. (SR 3001954)
- 8/3: Water Department received a call at 10:21 hours that water was leaking from the repair patch from 7/19. Emergency Response crew responded at 11:30 hours and found water leaking from patch. Leak was minimal, so repair was held until 8/6 for repair. Construction crew responded for repair on 8/6 at 08:00 hours. Leak was determined to be a defective repair band. Repair was completed by 15:00 on 8/6. (SR 3002160)
- 8/10: Water Department received a call at 04:02 hours of a leak in the street at 5712 Soledad Mtn. Rd. Emergency Services crew responded at 05:40 hours and referred the leak for repair. Construction crew was dispatched by 08:00 hours and found the leak to be caused by a crack immediately above the service. Repairs were completed by 15:00 hours. (SR 3003498)
- 8/31: Water Department received call at 12:50 hours for problem at 5748 Desert View Dr. (alley) Emergency Response crew responded at 13:40 hours and could not determine source of leak. Referred call to Leak Detection crew. Leak Detection crew investigated area on 9/5 at 10:20 – 11:20 hours and found no leak. (SR 3006898)
- 9/14: Water Department received a call at 13:31 hours of a leak in the street at 5703 Soledad Mtn. Rd. Construction crew responded at 15:30 hours and found the leak to be caused a service leak. Repairs were completed by 02:30 hours on 9/15. (SR 3010436)
- 9/18: Water Department received a call at 11:54 hours for a street leak at 5734 Desert View Dr. (alley) (SR 3011239)
- 9/20: Water Department began installation of temporary highline system.
- 9/25: Water Department cut and plugged the water main in Soledad Mtn Rd. on both sides of the area of concern, and provided temporary highline service to the affected residences. Work was completed by 17:30 hours. (SR 3012845)

9/25: Water Department received a call at 19:00 of a leak in the highline system on Soledad Mtn Rd. Crew was dispatched at 19:40 hours and repaired the highline by 20:10 hours. (SR 3012941)

9/28: Water Department received a call at 17:55 hours of a leak in the alleyway at 5734 Desert View Dr. Valve crew closed the hydrant valve located on the alley. (SR 3015637)

9/29: Water Department received a call at 07:05 hours of the street lifting at 5748 Desert View Dr. (alley) (SR 3015687)

10/1: Water Department received call at 15:30 hours of sunken patch at 5731 Desert View Dr. (alley) (SR 3016147)

Jim Fisher - Re: 5735 Soledad Mtn Rd

From: Jim Fisher
To: Christopher Toth; Rob Hawk
Date: 9/10/2007 3:12 PM
Subject: Re: 5735 Soledad Mtn Rd
CC: Alex Ruiz; David Jarrell; Jim Barrett; Ray Palmucci; Stan Medina; Tim Bertch

Rob, This raises a question about any sewage leakage into the slope and potentially contributing to the slope movement and/or negative impacts on the water system. Jim

>>> Christopher Toth 9/10/2007 2:55 PM >>>

based on earlier email requests today, WWCD staff went to 5735 Soledad Mtn Rd and there only could discover bad sewer odors coming from a bathroom plumbing fixture within the residence. WWCD CCTV footage also exists from the recent past (7/26/2007) wherein WWCD crews televised the sewer main in front of this property. Review of this recent CCTV file shows that the sewer lateral leading from the property is completely filled with roots as it approaches the sewer main.

The property owner needs to be contacted and apprised of this matter. Following our City Council Policy 400-10, the property owner needs to clear the property sewer lateral so that it flows freely. Should a licensed plumber or licensed drain cleaner perform this work, the licensed entity will file a plumber's report if it believes there are any structural problems with the property's sewer lateral on the public street side of the sewer lateral. The property owner is responsible for clearing the sewer lateral completely, regardless of which side of the street a sewer lateral blockage exists.

The large root mass within the sewer lateral is the likely cause of bad sewer odors within the residence, since sewage cannot easily flow from the property to the city sewer main. The city would like to coordinate with a licensed plumber involved in cleaning the sewer lateral so that city forces can trap any large root masses that leave the sewer lateral and potentially could block the downstream public sewer.

Please let me know if you want me or other MWWD employees to contact the property owner regarding this issue. thanks, Chris

Chris Toth
Deputy MWWD Director, WWCD
City of San Diego
9150 Topaz Way
San Diego, CA 92123
Phone: 1-858-654-4161
Fax: 1-858-654-4139
cell phone: 1-619-990-4718
email: CToth@SanDiego.gov

From: Rob Hawk
To: Goldstone, Jay; Haas, Richard; Jarrell, David; Oskoui, Afshin; Sainz, Fred
Date: 10/5/2007 9:54:40 AM
Subject: Fwd: Message from KMBT_600

Somebody in the office should look at this now and decide how to use it. I haven't had time to review. I'm off to the site. Rob Hawk

Robert N. Hawk, PE
Senior Engineering Geologist/Deputy City Engineer
City of San Diego, Engineering and Capital Projects
Field Engineering Division, MS 18
9485 Aero Drive San Diego, CA 92123
(858) 573-5011
(858) 627-3297 (Fax)
rhawk@sandiego.gov

Working Together to Engineer a Better Tomorrow

10/15/91

DESERT VIEW DRIVE
CHRONOLOGY

Opterra Project No. 805101-1

CONFIDENTIAL
Attorney Work Product Page 1 of 6
Larry Renner Dep. City Att'y.

Start Date	End Date	Type	Author/Player	Title/Description/Event	Authorizing Organization/Client	Opterra Copy?	Comments
10/18/60		Map	Freeland, Evenson, Christensen & Boas	"Plans for the Improvement of Desert View Drive in La Jolla Soledad," Map No. 9840-1-D	City of San Diego	Y	3 sheets
1/09/61		Map	Freeland, Evenson, Christensen & Boas	"Grading Plan for La Jolla Soledad," Map No. 9840-47-D	International Testing Corporation	Y	Attached drawings
5/22/61		Map	Freeland, Evenson, Christensen & Boas	"Plans for the Improvement of Soledad Mtn. Road, Desert View Drive, ... , La Jolla Pacifica Unit No. 1," Map No. 10130-1-D	International Testing Corporation	Y	Sheet 6 of 9
12/14/61		Event		LANDSLIDE occurs in early morning		NA	
2/16/62		Report	Benton Engineering, Inc.	"Landslide Investigations, Soledad Mountain, City of San Diego, California"	City of San Diego	Y	Attached drawings
2/19/62		Report	Hood & Schmidt, Inc.	"Geologic Investigation, Lots 6 - 35, La Jolla Soledad, La Jolla, California"	International Testing Corporation	Y	Attached drawings
3/01/62		Report	Moore & Taber	"Geological Investigation, Soledad Slide, San Diego, California"	Nevi Homes, Inc.	Y	Attached drawings
3/20/62		Report	International Testing Corporation	"Foundation and Geological Investigation for Lots 6 - 35 Inclusive, La Jolla Soledad, ..."	International Testing Corporation	Y	
5/02/62		Report	Hood & Schmidt, Inc.	"Geologic Investigation, Landslide on Lots 27 through 35, 41 through 43, and 203 through 207, Between Soledad Mountain Road and Desert View"	International Testing Corporation	Y	
5/09/62		Report	International Testing Corporation	"Foundation and Geological Investigation for Lots 40, 41, 42 & 43, Soledad Corona Estates, ..."	Ardee Builders	Y	
7/20/62		Letter	Moore & Taber	"Lot 170, Soledad Corona Estates, Unit No. 3,"	Soledad Investment Company	Y	
7/20/62		Report	Woodward, Clyde, Sherard & Associates	"Soil Investigation for the Hulbert Residence, 5613 Soledad Mountain Road, San Diego, California"	Mr. C.L. Hulbert	Y	
11/15/62		Report	Moore & Taber	"Supplementary Geologic Investigation, Soledad Corona Estates No. 3 and La Jolla Soledad Tracts"		Y	In conjunction with Whitman-Mann (logs and lab)
11/30/62		Report	Woodward, Clyde, Sherard and Associates	"Preliminary Soils and Geologic Investigation for 5613 Soledad Mountain Road, La Jolla, California"		N	Referenced in Alvarado 8/15/77 report
9/16/64		Memo	Blake Thomas	Photos of landslide		Y	
10/26/64		Report	Stosson & Associates	"Geologic Study of La Jolla Soledad Landslide", a rough draft		Y	
12/01/64		Report	Stosson & Associates	Geological Investigations, Soledad Landslide and Adjacent Areas, San Diego, California		Y	Attached maps

Start Date	End Date	Type	Author/Player	Title/Description/Event	Authorizing Organization/Client	Opterra Copy?	Comments
1/10/67		Map	Wittman Engineering Co.	"Grading Plan for Soledad Corona Estates No. 3," Map No. 12531-0		Y	4 sheets, includes street improvements and cross-sections
1/19/67		Letter	City Manager	"Soledad Mountain Road Repair", a letter to the Mayor and City Council on City's involvement in repair of Desert View Drive		Y	
4/11/72		Report	Inter-City Soils, Inc.	"Proposed Single Family Houses in Landslide Area, Lots 203-207 of Soledad Corona Estates, Unit No. 1, 3, Lots 42 and 43 of La Jolla Pacifica Unit No. 1,	Harbor Management Corporation	Y	
4/20/72		Report	Richard L. Mann	"Proposed Residences in Landslide area, Lots 203-207 of Soledad Corona Estates Unit No. 3, Lots 42 & 43 of La Jolla Pacifica Unit No. 1, and Lots 28-	Harbor Management Corporation	Y	
6/20/72		Letter	Inter-City Soils, Inc.	"Proposed Single Family Houses in Landslide Area, Lots 203-207 of Soledad Corona Estates, Unit No.		Y	Letter to City of San Diego
6/28/72		Letter	City of San Diego	3, Lots 42 and 43 of La Jolla Pacifica Unit No. 1, "Soil Study for Desert View Drive Area"		Y	Letter to Inter-City soils re: retention of Phil Benton for review
8/18/72		Letter	City of San Diego	"Soil study for Desert View Drive Area"		Y	Letter to Harbor Management Corp. re: approval of development
1/01/76	3/01/76	Event		Construction of Wagner residence, 5628 Desert View Drive (approximate dates)		NA	
8/15/77		Letter	Shepardson Engineering Associates, Inc.	"Review Soil and Geologic Investigation, Alvarado Soils Project No. 52 CIE, Four Proposed Residential Building Sites, South East of Desert	Alvarado Soils Engineering	Y	
8/15/77		Report	Alvarado Soils Engineering, Inc.	"Preliminary Geologic and Soils Investigation, Proposed 4 Lot Residential Development, Southeast Side of Desert View Drive, ..."	Mr. James Hofman	Y	
3/29/79		Letter	Catlin and Company, Inc.	"First Addendum to Preliminary Geologic and Soils Investigation, Proposed 4-Lot"	Mr. James Hofman	Y	
4/24/79		Map	Catlin and Company, Inc.	"Sewermain in Desert View Drive for Parcel Map T.M. 78-353"		Y	
11/20/79		Letter	Woodward-Clyde Consultants	"Review of Soils Investigation, for Parcel Map on Desert View Drive, San Diego, California"	City of San Diego	Y	Review of Alvarado 8/15/77 report
11/21/79		Letter	Catlin and Company, Inc.	"Second Addendum to Preliminary Geologic and Soils Investigation, Proposed 4-Lot"	Mr. James Hofman	Y	

DESERT VIEW DRIVE
CHRONOLOGY

Start Date	End Date	Type	Author/Player	Title/Description/Event	Authorizing Organization/Client	Opterra Copy?	Comments
Opterra Project No. B05101-1							
10/05/84		Letter	Catlin and Company, Inc.	"Third Addendum to Preliminary Geologic and Soils Investigation, Proposed 4-Lot"	Mr. Paul Hock	Y	
10/10/84		Letter	Catlin and Company, Inc.	"Fourth Addendum to Preliminary Geologic and Soils Investigation, Proposed 4-Lot"	Mr. Paul Hock	Y	
3/18/85		Calc's	Construction Engineering	"Structural Calculations, MacMillan Residence #2, Lot 2, Desert View Drive"		Y	5635 Desert View Drive
4/30/85		Letter	Catlin and Company, Inc.	"Fifth Addendum to Preliminary Geologic and Soils Investigation, Proposed 4-Lot"	Mr. Paul Hock	Y	
6/11/85		Map	Kenneth E. Baker	"Sewer Main in Desert View Drive for Parcel Map 9563, T.M. 78-353"		Y	
7/03/85		Permit	City of San Diego	Permit for Construction - 5635 Desert View Drive		Y	
7/10/85	7/22/85	Event	Anderson Drilling	Drilling and placement of beams for caissons at 5635 Desert View Drive	Roth Construction	NA	
7/11/85	10/01/86	Event		Construction of 5635 Desert View Drive (approximate dates)		NA	
7/16/85		Letter	Catlin and Company, Inc.	"Proposal for Inspection of Caisson Excavations, Proposed Residences, South Side of Desert View Drive, La Jolla Area, San Diego, California"	Roth Construction	Y	
7/17/85		Letter	Catlin & Company, Inc.	"Proj. No. 52CIN, Caisson Inspection, Proposed Residences, South Side of Desert View Drive, La Jolla Area, San Diego, California"	Roth Construction	Y	
7/23/85		Report	Catlin and Company, Inc.	"Report of Foundation Inspection, Proposed Single Family Residence, 5635 Desert View Drive, La Jolla Area, San Diego, California"		Y	
7/24/85	8/01/85	Event	Anderson Drilling	Drilling and placement of beams for caissons at 5635 Desert View Drive	Roth Construction	NA	
7/30/85		Report	Catlin and Company, Inc.	"Report of Foundation Inspection, Proposed Single Family Residence, 5635 Desert View Drive, La Jolla Area, San Diego, California"		Y	
7/31/85		Report	Catlin and Company, Inc.	"Final Report of Caisson Inspection, Proposed Single Story Residences, 5613 and 5635 Desert View Drive, La Jolla Area, San Diego, California"		Y	
11/20/85		Letter	Law Office of Daniel L. Abbott	"MacMillan Project on Desert View Drive, La Jolla, California, My Client Paul Hock"	Mr. Paul Hock	Y	Termination of Hock's services as architect for 5635

DESERT VIEW DRIVE
CHRONOLOGY

Opterra Project No. 805101-1

Start Date	End Date	Type	Author/Player	Title/Description/Event	Authorizing Organization/Client	Opterra Copy?	Comments
3/03/86		Calc's	Construction Engineering	"Structural Calculations, Macmillan Residence, Desert View Drive Parcel 2"		Y	5623 Desert View Drive
7/23/86		Report	Southern Cal. Soil and Testing, Inc.	"Geotechnical Investigation, Desert View Residences, 5600 Block Desert View Drive, La Jolla, California"	Wildwood Construction	Y	
10/01/87	2/01/88	Event		Construction of Broutzos residence, 5623 Desert View Drive (approximate dates)		NA	
11/03/87		Report	Southern Cal. Soil and Testing, Inc.	"Drilled Pier Excavation Observation, Southerly Lot of Desert View Residence, 5623 Desert View Drive, La Jolla, California"		N	
1/01/88	5/01/88	Event		Construction of Johnson residence, 5629 Desert View Drive (approximate dates)		NA	
2/16/88		Report	Southern Cal. Soil and Testing, Inc.	"Updated Report for Drilled Pier Excavation Observation, Northerly Lot of Desert View Residences, 5629 Desert View Drive, La Jolla, California"		N	
10/13/88		Report	Southern Cal. Soil and Testing, Inc.	"Review of Foundation Plans, Proposed Broutzos Residence, 5629 Desert View Drive, La Jolla, California"	Wildwood Construction	Y	
5/09/89		Report	Southern Cal. Soil and Testing, Inc.	"Report of Geotechnical Investigation, Proposed Cooper Residence, 5641 Desert View Drive, La Jolla, California"	Mr. Stuart Cooper	Y	
7/21/89		Report	Catlin Engineering, Inc.	"Limited Site and Structural Investigation, Single Family Residence, 5613 Desert View Drive, La Jolla Area, San Diego, California"	Mr. Ramon Ramirez	Y	
9/08/89		Letter	Catlin Engineering, Inc.	"Investigation of Landslide, Single Family Residence, 5613 Desert View Drive, La Jolla Area, San Diego, California"	Mr. Ben Badiee	Y	
9/10/89		Report	Catlin Engineering, Inc.	"Limited Investigation of Landslide, Single Family Residential Site, 5613 Desert View Drive, La Jolla Area, San Diego, California"	Mr. Ben Badiee	Y	
9/21/89		Calc's	Southern Cal. Soil and Testing, Inc.	Cribwall calculations		N	
12/19/89		Letter	City of San Diego	"Proposed Single Family Residence, 5639 Desert View Drive, La Jolla, California"		Y	A review of Southern Cal. report of 5/9/89
2/08/90		Report	Southern Cal. Soil and Testing, Inc.	"Stability of Existing Slope, Proposed Cooper Residence, 5639 Desert View Drive, La Jolla, California"	Mr. Stuart Cooper	Y	

DESERT VIEW DRIVE
CHRONOLOGY

Opterra Project No. B05101-1					Opterra		
Start Date	End Date	Type	Author/Player	Title/Description/Event	Authorizing Organization/Client	Copy?	Comments
2/20/90		Event	City of San Diego	Permit issued for construction of residence at 5639 Desert View Drive	City of San Diego	Y	
2/21/90	3/15/90	Event		Excavation for 5639 Desert View Drive (approximate dates)		NA	
3/19/90	5/07/90	Event	Western Foundation and Shoring	Excavation of 18 caisson holes, 5639 Desert View Drive		NA	
4/05/90		Letter	Southern Cal. Soil and Testing, Inc.	"Possible Movement of Soil Mass at 5635 Desert View Drive, La Jolla Area of San Diego, California"		Y	
4/10/90	7/31/90	Memos	Southern Cal. Soil and Testing, Inc.	Inspection/Testing Records	Mr. Stuart Cooper	Y	
4/13/90		Letter	Catlin Engineering, Inc.	"Limited Inspection, Single Family Residence, 5635 Desert View Drive, San Diego, California"		Y	
5/02/90		Letter	Catlin Engineering, Inc.	"Discussion of Meeting at Single Family Residence, 5635 Desert View Drive, La Jolla Area, San Diego, California"		Y	
8/01/90	10/01/90	Event		Backfill of Excavation, 5639 Desert View Drive (approximate dates)		NA	
8/16/90		Event	City of San Diego	Begin monitoring of survey points, 5623 - 5639 Desert View Drive	City of San Diego	NA	
8/17/90		Memo	City of San Diego	"Preliminary Evaluation of Distress, Road, Flatwork, and Structures, 5639 & 5635 Desert View Drive"		Y	
8/20/90		Letter	City of San Diego	"Geotechnical Evaluation of Structure and Street Distress, 5635 and 5639 Desert View Drive, La Jolla, California"		Y	Letter to Sylvan and Irene Cooper
8/21/90		Event	Opterra	Opterra initial site visit		NA	
8/29/90		Letter	Southern Cal. Soil and Testing, Inc.	"Anticipated Construction Traffic, Cooper Residence, 5641 Desert View Drive, La Jolla, California"	Mr. Stuart Cooper	Y	
9/10/90		Report	Southern Cal. Soil and Testing, Inc.	"Proposed Cooper Residence, 5639 Desert View Drive, La Jolla, California"	Mr. Stuart Cooper	Y	
9/10/90	9/13/90	Event	Ninyo & Moore	Bucket-auger borings B-1 and B-2 drilled	City of San Diego	NA	
9/13/90	9/14/90	Event	Opterra	Hollow-stem auger borings B-1 and B-2, with slope indicator casing installed	City of San Diego	NA	
12/17/90		Report	Ninyo & Moore	"Geotechnical Evaluation, 5635-5639 Desert View Drive, La Jolla, California"	City of San Diego	Y	

10/15/91

5/10/91 EXCAVATION/CONSTRUCTION FOR CR 3 WALL
AT COOPER RESIDENCE

DESERT VIEW DRIVE
CHRONOLOGY

Page 6

Start Date	End Date	Type	Author/Player	Title/Description/Event	Authorizing Organization/Client	Opterra Copy?	Comments
Opterra Project No. 805101-1							
1/23/91		Notes	Douglas E. Moran, Inc	Summary of Site History"	Roth Construction	Y	Handwritten notes with general conclusions on possible liability
4/30/91		Event		Aerial photos taken of Desert View Drive area (for aerial topo. map)		Y	
5/10/91		Letter	City of San Diego	Letter to Mr. and Mrs. Cooper prohibiting occupancy		Y	
5/10/91		Letter	City of San Diego	Letter to Mr. and Mrs. Green advising that occupancy is at their own risk		Y	
5/11/91		Event	City of San Diego	Sewer line photographed, 5613 - 5653 Desert View Drive	City of San Diego	NA	
5/22/91	5/30/91	Event	Opterra	Floor level surveys and inspections of 6 residences, 5613 - 5639 Desert View Drive	City of San Diego	NA	
6/07/91		Report	E. Douglas Schwantes, Jr.	"Evaluation of Slope Indicator Data, Vicinity of 5635-5639 Desert View Dr., San Diego, California"	Southern Cal. Soil and Testing, Inc.	Y	
6/11/91		Event	City of San Diego	Four concrete cuts through street section, 5613 - 5629 Desert View Drive	City of San Diego	NA	
6/13/91		Event	Opterra	Hollow-stem auger borings 8-3 and 8-4 drilled	City of San Diego	NA	
7/15/91		Report	Southern Cal. Soil and Testing, Inc.	"Response to City of San Diego Letter, Cooper Residence, 5039 Desert View Drive, San Diego, California"	Mr. Stuart Cooper	Y	
7/30/91		Letters	City of San Diego	Letters of findings and recommendations to the owners of 5613 to 5639 Desert View Drive		Y	Cooper occupancy still prohibited, others warned.
8/02/91		Letter	City of San Diego	"Structural Field Survey of Five Desert View Drive Homes"		Y	Concl.: interior cracking for 5613-5635 not due to soil movement
8/13/91	9/12/91	Event	Leighton & Associates	Drilling of 5 slope indicator borings and 5 large diameter exploratory borings	City of San Diego	NA	
9/16/91		Letter	Catlin Engineering, Inc.	Letter to Robert M. Hawk, P.E. advising him of release of 1989 Catlin correspondence.	City of San Diego	Y	
10/07/91		Event	City of San Diego	Layer of asphaltic concrete applied to upper section of Desert View Drive, 5613 - 5639, approximately 2 - 3 inches thick		NA	

From: John Henze
To: Jim Fisher
Date: 10/5/2007 10:50:42 AM
Subject: Mount Soledad Landslide Documentation

Thank you for returning my call today, October 5, 2007.

This is to confirm your instruction that all future requests for documents from the Water Department should be made through Julie Dubick in the Mayor's Office.

I understand that you also stated that our past requests for documents, made on October 3, 2007 will be routed through Ms Dubick as well.

I understand that I can call you should I need further clarification.

John Henze
Senior City Attorney Investigator
Civil Division
533-6390

E-Mail Notice*****

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Any review, use, disclosure or distribution by persons or entities other than the intended recipient(s) is prohibited.

CC: Ray Palmucci

SWIM Workorder

Printed on: 10/4/2007

Nature of Complaint						Street #		Fr	Predir	Street Name		Sfx	Suite #	Juris
TELEWISE						5715				SOLEDAD MTN		RD		SD
UNSCHEDULED MAINTENANCE														
Intersection														
Location Description										Water/Sewer				
5715 SOLEDAD MAOUNTAIN ROAD (CORRECT ADDRESS)										S				
Cross Street Name														
Requestor Name					Area		Phone #		Contact					
									N					
ES Service Area			Service Area			Field Book Pg			Grid					
W			RC			C12S								
Radio#			Orig Radio#			Thos Bros Pg								
946			946			1248A2								
Job Description														
PIPE INTEGRITY / EXTRA SECTION.														
Special Instructions														

Work Cd	Work Code Desc	Action Code	Action Code Desc
TV	TV INSPECT	TV03	TELEVIEWED MAIN COND ASSESS

Motive Equipment Used		Rental Equipment Used	
Equip Nbr	Hours	Equipment Type	Operated Hours
			<input type="radio"/> Yes <input type="radio"/> No
			<input type="radio"/> Yes <input type="radio"/> No
			<input type="radio"/> Yes <input type="radio"/> No

Start Date/Time	End Date/Time	Department	Job Order Number	Employees	Hours
7/26/2007 11:21:41	7/26/2007 11:21:41	METRO WASTE WATER DEPT	8202	3	1

Service Request Comments	
PER 946 REQ FLUSHER CREW TO FLUSH FSN#8307 ON 8"VC MAIN, CAN HOLD..PAGED 8794..JKL	
PGED 758..JKL	
PER 758, ASSISTED IN FLUSHING MAIN FOR CITY PROTECTION....MF	

Work Order Comments
TV'D THIS EXTRA SECTION GOING D/S, FOUND BELL JOINTS @ MATERIAL CHANGES. THE LAST JOINT (BELL) @ 101' CAMERA COULD NOT PASS. DID A REVERSE SET-UP AND WAS AGAIN STOPPED BY A BELL JOINT @ 51'. SURVEY WAS ABANDONED.

Tabular Report of PLR C12S-029 X for City of SD

Work Order 3000622	Contract	Video cd	Setup 18
Facility 5185137	Operator parker	Van Ref 303005	Surveyed On 07/26/2007
Street Name 5715 soledad mtn rd.		City san diego	
Location type Road carriageway			
Surface Chip seal road			
Survey purpose Specific problems on sewer system related to structural		Weather	Dry
Pipe Use Sanitary	Sched length 254.0 Ft	From C12S-029	Depth 15.00 Ft
Shape Circular	Size 8 by ins	To C12S-384	Depth Ft
Material Polyvinyl chloride	Joint Spacing Ft	Direction Down	
Lining	Year laid	Pre-clean	Last Cleaned
General note extra sections tv to assess condition		Structural	Service
Location note on soledad mtn. rd.		Miscellaneous	Constructional
			Hydraulic

Video	Count	CD	Code	Sev	Fr	To	Value	Remarks
00000	0.0		ST Start of Survey					
00000	0.0		MH Manhole/Node					C12S-029
00000	0.0		WL Water level				1	
	3.5		RJ Roots at joint	L				
	4.5		RJ Roots at joint	L				
	5.0		CN Service Connection		03			
	28.6		MC Material of sewer changes					TO VC
	34.4		MC Material of sewer changes					BACK TO PVC
	37.9		LL Bend in pipe left					
	62.4		CN Service Connection		03			
	93.1		MC Material of sewer changes					TO VC
	98.3		GO General observation					BELL JOINT
	100.5		MC Material of sewer changes					TO PVC
	101.0		SA Survey abandoned					CAM CAN NOT PASS

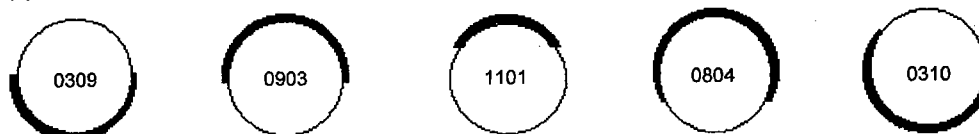
101.0 Ft **Total Length Surveyed**

Scores	Structural:	Total 0	Mean Defect 0	Peak 0	Mean Pipe 0
	Service:	Total 200	Mean Defect 66.7	Peak 100	Mean Pipe 2

Notes

Extra section tved d/s found bell joints @ materical changed and at 101' the cam. would not pass.

Clock references: Clock references are given clockwise ie from 10 o'clock to 2 o'clock = 1002. The upper part of a pipe is 0903 and the lower half is 0309. See Illustration below



Tabular Report of PLR C12S-029 X for City of SD

Work Order 3000622	Contract	Video cd	Setup 19
Facility 5185137	Operator parker	Van Ref 303005	Surveyed On 07/26/2007
Street Name 5715 soledad mtn rd.		City san diego	
Location type Road carriageway			
Surface Chip seal road			
Survey purpose Specific problems on sewer system related to structural		Weather Dry	
Pipe Use Sanitary	Sched length 254.0 Ft	From C12S-384	Depth Ft
Shape Circular	Size 8 by ins	To C12S-029	Depth 15.00 Ft
Material Polyvinyl chloride	Joint Spacing Ft	Direction Up	
Lining	Year laid	Pre-clean	Last Cleaned
General note Reverse set up on sheet:18		Structural	Service
Location note on soledad mtn. rd.		Miscellaneous	Hydraulic
		Constructional	

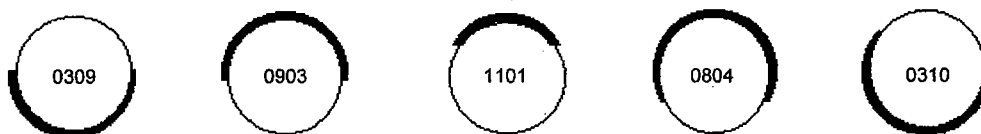
Video	Count	CD	Code	Sev	Fr	To	Value	Remarks
00000	0.0		ST					Start of Survey
00000	0.0		MH					Manhole/Node
00000	0.0		WL				1	Water level
	23.5		JD	S				Joint Displaced
	50.3		MC					Material of sewer changes
	51.0		SA					Survey abandoned

51.0 Ft Total Length Surveyed

Notes	Scores	Structural:	Total 0	Mean Defect 0	Peak 0	Mean Pipe 0
		Service:	Total 0	Mean Defect 0	Peak 0	Mean Pipe 0

Rev. set up another bell joint stopped cam.

Clock references: Clock references are given clockwise ie from 10 o'clock to 2 o'clock = 1002. The upper part of a pipe is 0903 and the lower half is 0309. See Illustration below



City of San Diego Phone: Fax:

SWIM Workorder

MWWD INPUT

Printed on: 10/4/2007

Nature of Complaint					Street #		Fr	Predir	Street Name		Sfx	Suite #	Juris
TELEWISE					5715				SOLEDAD MTN		RD		SD
Intersection													
Location Description													
Water/Sewer													
S													
Cross Street Name													
Requestor Name													
Area													
Phone #													
Contact													
N													
SR #		WO #	Status	Gen Dt	Prt	ES Service Area		Service Area		Field Book Pg		Grid	
3016113		8	CMP	10/01/07	2	W		RC		C12S			
Fac Type		Fac Seq #											
MAIN		8307											
Job Description													
TELEWISE FOR PIPE INTEGRITY													
Special Instructions													
ENVIRONMENTALLY SENSITIVE AREA. PERMITS MAY BE REQUIRED. CONTACT YOUR SUPERVISOR FOR INSTRUCTIONS.													
Work Cd		Work Code Desc			Action Code		Action Code Desc						
TV		TV INSPECT			TV03		TELEWISED MAIN COND ASSESS						
Motive Equipment Used					Rental Equipment Used								
Equip Nbr		Hours			Equipment Type				Operated		Hours		
									<input type="radio"/> Yes <input type="radio"/> No				
									<input type="radio"/> Yes <input type="radio"/> No				
									<input type="radio"/> Yes <input type="radio"/> No				
Start Date/Time		End Date/Time		Department		Job Order Number		Employees		Hours			
10/3/2007 08:43:00		10/3/2007 09:32:04		METRO WASTE WATER DEPT		8203		3		1			
Service Request Comments													
Work Order Comments													
AT 302' WATER LEVEL HAS INCREASED AND CAMERA WEWNT UNDERWATER. WAS ABLE TO SEE MH#25.													

Tabular Report of PLR C12S-026 X for City of SD

Work Order 3016113	Contract	Video cd	Setup 14
Facility 8307	Operator parker	Van Ref 303005	Surveyed On 10/03/2007
Street Name 5715 soledad mtn. rd.		City san diego	
Location type Road carriageway			
Surface Chip seal road			
Survey purpose Specific problems on sewer system related to structural		Weather Dry	
Pipe Use Sanitary	Sched length 318.0 Ft	From C12S-026	Depth 8.00 Ft
Shape Circular	Size 8 by ins	To C12S-025	Depth Ft
Material Vitrified clay	Joint Spacing Ft	Direction Down	
Lining	Year laid	Pre-clean	Last Cleaned
General note tv for pipe integrity		Structural	Service
Location note on st.		Miscellaneous	Constructional
		Hydraulic	

Video	Count	CD	Code	Sev	Fr	To	Value	Remarks
00000	0.0		ST Start of Survey					
00000	0.0		MH Manhole/Node					C12S-026
00000	0.0		WL Water level				1	
	3.0		CB Break in Connection		10			
	3.0		CR Roots from lateral	S	10			
	38.9		CN Service Connection		02			
	61.6		CN Service Connection		11			
	98.7		RJ Roots at joint	S				
	111.0		CN Service Connection		02			
	133.7		CN Service Connection		11			
	173.1		CN Service Connection		02			
	209.6		CN Service Connection		10			
	249.0		CN Service Connection		02			
	284.8		CN Service Connection		11			
	302.9		WL Water level				0040	
	309.0		CUB Camera Submerged Begin					
	318.0		MH Manhole/Node					C12S-025
	318.0		FH Finish of Surveys					end

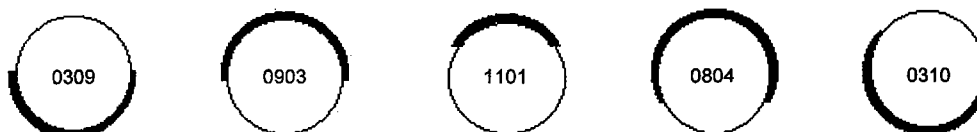
318.0 Ft **Total Length Surveyed**

Scores	Structural:	Total 0	Mean Defect 0	Peak 0	Mean Pipe 0
	Service:	Total 45	Mean Defect 9	Peak 25	Mean Pipe 0.1

Notes

At 302' water level has an increase and cam. went under water, was able to see m/h 25.

Clock references: Clock references are given clockwise ie from 10 o'clock to 2 o'clock = 1002. The upper part of a pipe is 0903 and the lower half is 0309. See illustration below



SWIM Workorder

Printed on: 10/4/2007

Nature of Complaint					Street # Fr Predir		Street Name		Sfx Suite # Juris	
TELEWISE					5715		SOLEDAD MTN		RD SD	
UNSCHEDULED MAINTENANCE										
					Intersection					
					Location Description				Water/Sewer	
					5715 SOLEDAD MAOUNTAIN ROAD (CORRECT ADDRESS)				S	
					Cross Street Name					
					Requestor Name		Area	Phone #	Contact	
									N	
					ES Service Area	Service Area	Field Book Pg	Grid		
					W	RC	C12S			
					Radio#	Orig Radio#	Thos Bros Pg			
					946		1248A2			
					Job Description					
					TV MAIN TO ACCESS CONDITION					
					Special Instructions					
					TV SURROUNDING AREA NEAR 5715 SOLEDAD.MTN. RD					

Work Cd		Work Code Desc		Action Code		Action Code Desc	
TV		TV INSPECT		TV03		TELEVISED MAIN COND ASSESS	

Motive Equipment Used				Rental Equipment Used					
Equip Nbr		Hours		Equipment Type		Operated		Hours	
						<input type="radio"/> Yes <input type="radio"/> No			
						<input type="radio"/> Yes <input type="radio"/> No			
						<input type="radio"/> Yes <input type="radio"/> No			

Start Date/Time	End Date/Time	Department	Job Order Number	Employees	Hours
7/30/2007 14:09:38	7/30/2007 14:09:39	METRO WASTE WATER DEPT	8202	1	0.1

Service Request Comments

PER 946 REQ FLUSHER CREW TO FLUSH FSN#8307 ON 8"VC MAIN, CAN HOLD..PAGED 8794..JKL

PGED 758..JKL

PER 758, ASSISTED IN FLUSHING MAIN FOR CITY PROTECTION....MF

Work Order Comments

Work Order Comments

WRONG FSN WAS GIVEN, SHOULD READ FSN 8306 & SURROUNDING AREAS. THAT FSN WAS TV'D ON 7-26-07 AS WELL AS 7 OTHER FSN'S, IN THE AREA.

SWIM Workorder

Printed on: 10/4/2007

Nature of Complaint					Street #		Fr	Predir	Street Name		Sfx	Suite #	Juris
TELEWISE					5715				SOLEDAD MTN		RD		SD
UNSCHEDULED MAINTENANCE													
					Intersection								
					Location Description							Water/Sewer	
					5715 SOLEDAD MAOUNTAIN ROAD (CORRECT ADDRESS)							S	
					Cross Street Name								
					Requestor Name		Area	Phone #		Contact			
										N			
					ES Service Area		Service Area	Field Book Pg		Grid			
					W		RC	C12S					
					Radio#		Orig Radio#	Thos Bros Pg					
					946		946	1248A2					
					Job Description								
					TV MAIN TO ACCESS CONDITION.								
					Special Instructions								
					TV SUROUNDING AREA NEAR 5715 SOLEDAD MT. RD.								

Work Cd	Work Code Desc	Action Code	Action Code Desc
TV	TV INSPECT	TV03	TELEVISED MAIN COND ASSESS

Motive Equipment Used		Rental Equipment Used	
Equip Nbr	Hours	Equipment Type	Operated
			<input type="radio"/> Yes <input type="radio"/> No
			<input type="radio"/> Yes <input type="radio"/> No
			<input type="radio"/> Yes <input type="radio"/> No

Start Date/Time	End Date/Time	Department	Job Order Number	Employees	Hours
7/26/2007 09:53:24	7/26/2007 09:53:25	METRO WASTE WATER DEPT	8202	3	1

Service Request Comments
PER 946 REQ FLUSHER CREW TO FLUSH FSN#8307 ON 8"VC MAIN, CAN HOLD..PAGED 8794..JKL
PGED 758..JKL
PER 758, ASSISTED IN FLUSHING MAIN FOR CITY PROTECTION....MF

Work Order Comments
THIS MAIN IS CLEAR W/ ROOTS INSIDE 3 LATERALS.

Comments	Revision/Date
THIS MAIN IS CLEAR W/ ROOTS INSIDE 3 LATERALS.	2/22/07
	1/2/08
	1/2/08

Tabular Report of PLR C12S-024 X for City of SD

Work Order 3000622	Contract	Video cd	Setup 16
Facility 8306	Operator parker	Van Ref 303005	Surveyed On 07/26/2007
Street Name 5715 soledad mtn rd.		City san diego	
Location type Road carriageway			
Surface Chip seal road			
Survey purpose Specific problems on sewer system related to structural		Weather Dry	
Pipe Use Sanitary	Sched length 315.0 Ft	From C12S-024	Depth 20.00 Ft
Shape Circular	Size 8 by ins	To C12S-025	Depth Ft
Material Vitrified clay	Joint Spacing Ft	Direction Down	
Lining	Year laid	Pre-clean	Last Cleaned
General note tv to assess condition		Structural	Service
Location note on soledad mtn. rd.		Miscellaneous	Constructional
		Hydraulic	

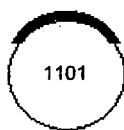
Video	Count	CD	Code	Sev	Fr	To	Value	Remarks
00000	0.0		ST Start of Survey					
00000	0.0		MH Manhole/Node					C12S-024
00000	0.0		WL Water level				3	
	33.0		CN Service Connection		03			
	49.1		CN Service Connection		10			
	108.4		CN Service Connection		02			
	115.1		RJ Roots at joint	S				
	117.6		CN Service Connection		10			
	117.6		CR Roots from lateral	M	10			
	146.0		DE Debris	S				
	183.8		CN Service Connection		11			
	183.8		CR Roots from lateral	S	11			
	186.7		CN Service Connection		02			
	186.7		CR Roots from lateral	L	02			
	249.4		CN Service Connection		10			
	268.3		DE Debris	S				
	268.5		CN Service Connection		02			
	304.7		CN Service Connection		10			
	315.0		MH Manhole/Node					C12S-025
	315.0		FH Finish of Surveys					END

315.0 Ft **Total Length Surveyed**

Notes	Scores	Structural:	Total 0	Mean Defect 0	Peak 0	Mean Pipe 0
		Service:	Total 270	Mean Defect 38.6	Peak 75	Mean Pipe 0.9

This main is clear, 3 laterals have roots from them.

Clock references: Clock references are given clockwise ie from 10 o'clock to 2 o'clock = 1002. The upper part of a pipe is 0903 and the lower half is 0309. See illustration below



City of San Diego Phone: Fax:

SWIM Workorder

Printed on: 10/4/2007

Nature of Complaint					Street # Fr Predir		Street Name		Sfx Suite # Juris	
TELEWISE					5715		SOLEDAD MTN		RD SD	
UNSCHEDULED MAINTENANCE					Intersection					
SR # WO # Status Gen Dt Prty					Location Description				Water/Sewer	
3000622 3 CMP 07/26/07 1					5715 SOLEDAD MAOUNTAIN ROAD (CORRECT ADDRESS)				S	
Fac Type Fac Seq #					Cross Street Name					
MAIN 8316										
<input type="checkbox"/> Complete <input type="checkbox"/> Sketch					Requestor Name		Area	Phone #	Contact	
									N	
ES Service Area		Service Area	Field Book Pg		Grid					
W		RC	C12S							
Radio#		Orig Radio#	Thos Bros Pg							
946		946	1248A2							
Job Description										
PIPE INTEGRITY / EXTRA SECTION.										
Special Instructions										

Work Cd	Work Code Desc	Action Code	Action Code Desc
TV	TV INSPECT	TV03	TELEVISED MAIN COND ASSESS

Motive Equipment Used		Rental Equipment Used	
Equip Nbr	Hours	Equipment Type	Operated
			<input type="radio"/> Yes <input type="radio"/> No
			<input type="radio"/> Yes <input type="radio"/> No
			<input type="radio"/> Yes <input type="radio"/> No

Start Date/Time	End Date/Time	Department	Job Order Number	Employees	Hours
7/26/2007 13:33:02	7/26/2007 13:33:02	METRO WASTE WATER DEPT	8202	3	1

Service Request Comments
PER 946 REQ FLUSHER CREW TO FLUSH FSN#8307 ON 8"VC MAIN, CAN HOLD..PAGED 8794..JKL
PGED 758..JKL
PER 758, ASSISTED IN FLUSHING MAIN FOR CITY PROTECTION....MF

Work Order Comments
THIS EXTRA SECTION HAS SOME DEBRIS BOTTOM OF MAIN @ 4'. SOME SMALL GREASE ON WALLS. CAMERA WENT UNDERWATER FOR 10'. A DIAMETER CHANGE @ 157' WAS TO TIGHT FOR CAMERA TO PASS, AND WAS NOT ABLE TO DO A REVERSE SET-UP DUE TO MAIN DROPS INTO MH#35, NOT ABLE TO GET CAMERA INTO MH#35 GOING U/S.

Comments	Creation Date
THIS EXTRA SECTION HAS SOME DEBRIS BOTTOM OF MAIN @ 4'. SOME SMALL GREASE ON WALLS. CAMERA WENT UNDERWATER FOR 10'. A DIAMETER CHANGE @ 157' WAS TO TIGHT FOR CAMERA TO PASS, AND WAS NOT ABLE TO DO A REVERSE SET-UP DUE TO MAIN DROPS INTO MH#35, NOT ABLE TO GET CAMERA INTO MH#35 GOING U/S.	<div data-bbox="1036 151 1282 178">07/25/2018</div> <div data-bbox="1036 178 1282 227">12:41:18 PM</div> <div data-bbox="1036 227 1282 255">07/25/2018</div>

Tabular Report of PLR C12S-040 X for City of SD

Work Order 3000622	Contract	Video cd	Setup 27
Facility 8316	Operator parker	Van Ref 303005	Surveyed On 07/26/2007
Street Name 5715 soledad mtn rd.		City san diego	
Location type Road carriageway			
Surface Chip seal road			
Survey purpose Specific problems on sewer system related to structural		Weather Dry	
Pipe Use Sanitary	Sched length 225.0 Ft	From C12S-040	Depth 15.00 Ft
Shape Circular	Size 8 by ins	To C12S-035	Depth Ft
Material Vitrified clay	Joint Spacing Ft	Direction Down	
Lining Plastic	Year laid	Pre-clean	Last Cleaned
General note Extra section		Structural	Service
Location note on desert view dr.		Miscellaneous	Constructional
		Hydraulic	

Video	Count	CD	Code	Sev	Fr	To	Value	Remarks
00000	0.0		ST Start of Survey					
00000	0.0		MH Manhole/Node					C12S-040
00000	0.0		WL Water level				10	
	4.2		DE Debris	M				
	33.4		CN Service Connection		02			
	61.9		DEG Debris (Grease)	S				ON WALLS
	68.0		WL Water level				0035	
	73.0		CN Service Connection		11			
	123.3		CUB Camera Submerged Begin					
	133.9		CUE Camera Submerged End					
	156.1		DC Diameter of sewer changes				07.5	
	157.5		GO General observation					TOO TIGHT FOR CAM.
	157.6		SA Survey abandoned					

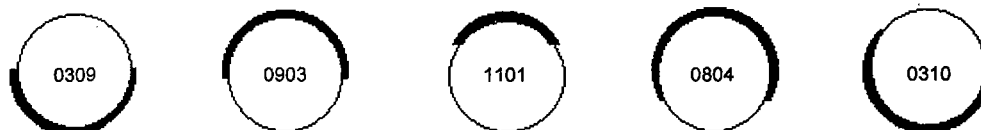
157.6 Ft Total Length Surveyed

Scores	Structural:	Total 0	Mean Defect 0	Peak 0	Mean Pipe 0
	Service:	Total 125	Mean Defect 20.8	Peak 75	Mean Pipe 0.8

Notes

Extra section some debris on the bottom @ 4' some grease on the walls (S) , Cam. went under water for 10', a dim. change @ 157' is too tight for the cam. to pass and unable to do rev. setup due to main drops into m/h 35 and can not get cam. up into this fsn going up/s.

Clock references: Clock references are given clockwise ie from 10 o'clock to 2 o'clock = 1002. The upper part of a pipe is 0903 and the lower half is 0309. See Illustration below



SWIM Workorder

Printed on: 10/4/2007

Nature of Complaint					Street # Fr Predir		Street Name		Sfx Suite # Juris		
TELEWISE					5715		SOLEDAD MTN		RD SD		
UNSCHEDULED MAINTENANCE					Intersection						
SR # WO # Status Gen Dt Prty					Location Description				Water/Sewer		
3000622 4 CMP 07/26/07 1					5715 SOLEDAD MAOUNTAIN ROAD (CORRECT ADDRESS)				S		
Fac Type Fac Seq #					Cross Street Name						
MAIN 8322											
<input type="checkbox"/> Complete <input type="checkbox"/> Sketch					Requestor Name		Area		Phone #		Contact
											N
					ES Service Area		Service Area		Field Book Pg		Grid
					W		RC		C12S		
					Radio#		Orig Radio#		Thos Bros Pg		
					946		946		1248A2		
Job Description											
PIPE INTEGRITY / EXTRA SECTION.											
Special Instructions											

Work Cd		Work Code Desc		Action Code		Action Code Desc	
TV		TV INSPECT		TV03		TELEVISED MAIN COND ASSESS	

Motive Equipment Used				Rental Equipment Used					
Equip Nbr		Hours		Equipment Type		Operated		Hours	
						<input type="radio"/> Yes <input type="radio"/> No			
						<input type="radio"/> Yes <input type="radio"/> No			
						<input type="radio"/> Yes <input type="radio"/> No			

Start Date/Time		End Date/Time		Department		Job Order Number		Employees		Hours	
7/26/2007 13:05:00		7/26/2007 13:09:25		METRO WASTE WATER DEPT		8202		3		1	

Service Request Comments

PER 946 REQ FLUSHER CREW TO FLUSH FSN#8307 ON 8"VC MAIN, CAN HOLD..PAGED 8794..JKL

PGED 758..JKL

PER 758, ASSISTED IN FLUSHING MAIN FOR CITY PROTECTION....MF

Work Order Comments

THIS EXTRA SECTION OF PIPE HAS A LOT OF FLOW, AND IS CLEAR.

Comments

Creation D/T/M

THIS EXTRA SECTION OF PIPE HAS A LOT OF FLOW, AND IS CLEAR.

07/26/07 13:00

Last Update D/T/M

07/26/07 13:00

PL0A

Tabular Report of PLR C12S-041 X for City of SD

Work Order 3000622	Contract	Video cd	Setup 26
Facility 8322	Operator parker	Van Ref 303005	Surveyed On 07/26/2007
Street Name 5715 soledad mtn rd.		City san diego	
Location type Road carriageway			
Surface Chip seal road			
Survey purpose Specific problems on sewer system related to structural		Weather Dry	
Pipe Use Sanitary	Sched length 300.0 Ft	From C12S-041	Depth 15.00 Ft
Shape Circular	Size 8 by ins	To C12S-040	Depth Ft
Material Vitrified clay	Joint Spacing Ft	Direction Down	
Lining Plastic	Year laid	Pre-clean	Last Cleaned
General note Extra section		Structural	Service
Location note on desert view dr.		Miscellaneous	Hydraulic
		Constructional	

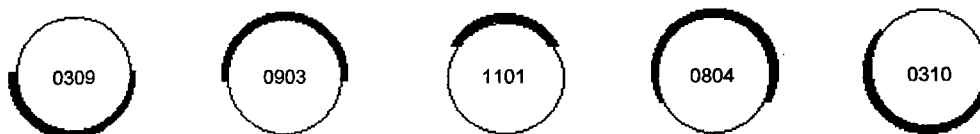
Video	Count	CD	Code	Sev	Fr	To	Value	Remarks
00000	0.0		ST Start of Survey					
00000	0.0		MH Manhole/Node					C12S-041
00000	0.0		WL Water level				8	
	8.9		CN Service Connection		09			
	88.9		CN Service Connection		09			
	98.1		CN Service Connection		02			
	167.9		CN Service Connection		03			
	210.8		CN Service Connection		02			
	247.1		CN Service Connection		10			
	300.0		MH Manhole/Node					C12S-040
	300.0		FH Finish of Surveys					END

300.0 Ft **Total Length Surveyed**

Notes	Scores	Structural:	Total 0	Mean Defect 0	Peak 0	Mean Pipe 0
		Service:	Total 0	Mean Defect 0	Peak 0	Mean Pipe 0

Extra section main has lots of flow, but clear

Clock references: Clock references are given clockwise ie from 10 o'clock to 2 o'clock = 1002. The upper part of a pipe is 0903 and the lower half is 0309. See Illustration below



City of San Diego Phone: Fax:

SWIM Workorder

Printed on: 10/4/2007

Nature of Complaint					Street #		Fr	Predir	Street Name		Sfx	Suite #	Juris
TELEWISE UNSCHEDULED MAINTENANCE					5715				SOLEDAD MTN		RD		SD
Intersection													
Location Description										Water/Sewer			
5715 SOLEDAD MAOUNTAIN ROAD (CORRECT ADDRESS)										S			
Cross Street Name													
Requestor Name				Area		Phone #		Contact					
								N					
ES Service Area		Service Area		Field Book Pg		Grid							
W		RC		C12S									
Radio#		Orig Radio#		Thos Bros Pg									
946		946		1248A2									
Job Description													
PIPE INTEGRITY / EXTRA SECTION.													
Special Instructions													

Work Cd	Work Code Desc	Action Code	Action Code Desc
TV	TV INSPECT	TV03	TELEVISED MAIN COND ASSESS

Motive Equipment Used		Rental Equipment Used	
Equip Nbr	Hours	Equipment Type	Operated <input type="radio"/> Yes <input type="radio"/> No
			<input type="radio"/> Yes <input type="radio"/> No
			<input type="radio"/> Yes <input type="radio"/> No

Start Date/Time	End Date/Time	Department	Job Order Number	Employees	Hours
7/26/2007 12:56:10	7/26/2007 12:56:10	METRO WASTE WATER DEPT	8202	3	1

Service Request Comments	
PER 946 REQ FLUSHER CREW TO FLUSH FSN#8307 ON 8"VC MAIN, CAN HOLD..PAGED 8794..JKL	
<p>PGED 758..JKL</p> <p>PER 758, ASSISTED IN FLUSHING MAIN FOR CITY PROTECTION....MF</p>	

Work Order Comments
CAMERA WENT UNDERWATER FOR 10', SOME SMALL GREASE.

Tabular Report of PLR C12S-042 X for City of SD

Work Order 3000622 Facility 8323	Contract Operator parker	Video cd Van Ref 303005	Setup 25 Surveyed On 07/26/2007
Street Name 5715 soledad mtn rd. Location type Road carriageway Surface Chip seal road		City san diego	
Survey purpose Specific problems on sewer system related to structural		Weather Dry	
Pipe Use Sanitary Shape Circular Material Vitrified clay Lining Plastic	Sched length 127.0 Ft Size 8 by ins Joint Spacing Ft Year laid	From C12S-042 To C12S-041 Direction Down Pre-clean Last Cleaned	Depth 10.00 Ft Depth Ft
General note Extra section Location note on desert view dr.		Structural Service Constructional Miscellaneous Hydraulic	

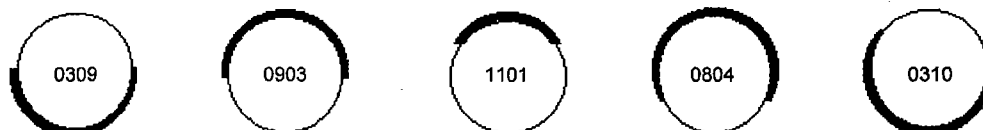
Video	Count	CD	Code	Sev	Fr	To	Value	Remarks
00000	0.0		ST Start of Survey					
00000	0.0		MH Manhole/Node					C12S-042
00000	0.0		WL Water level				5	
	36.1		DEG Debris (Grease)	S				ON TOPS
	39.1		CUB Camera Submerged Begin					
	51.1		CUE Camera Submerged End					
	53.8		CN Service Connection		09			
	56.5		CN Service Connection		03			
	122.7		CN Service Connection		02			
	127.0		MH Manhole/Node					C12S-041
	127.0		FH Finish of Surveys					END

127.0 Ft Total Length Surveyed

Notes	Scores	Structural:	Total 0	Mean Defect 0	Peak 0	Mean Pipe 0
		Service:	Total 50	Mean Defect 12.5	Peak 50	Mean Pipe 0.4

Extra section cam. went under water for 10' some grease(S).

Clock references: Clock references are given clockwise ie from 10 o'clock to 2 o'clock = 1002. The upper part of a pipe is 0903 and the lower half is 0309. See Illustration below



City of San Diego Phone: Fax:

SWIM Workorder

Printed on: 10/4/2007

Nature of Complaint						Street #		Fr	Predir	Street Name		Sfx	Suite #	Juris
TELEWISE						5715				SOLEDAD MTN		RD		SD
UNSCHEDULED MAINTENANCE														
						Intersection								
						Location Description						Water/Sewer		
						5715 SOLEDAD MAOUNTAIN ROAD (CORRECT ADDRESS)						S		
						Cross Street Name								
SR #		WO #		Status	Gen Dt	Prt	Requestor Name		Area	Phone #	Contact			
3000622		6		CMP	07/26/07	1					N			
Fac Type		Fac Seq #												
MAIN		8317												
<input type="checkbox"/> Complete <input type="checkbox"/> Sketch						ES Service Area		Service Area	Field Book Pg		Grid			
						W		RC	C12S					
Radio#		Orig Radio#		Thos Bros Pg										
946		946		1248A2										
Job Description														
PIPE INTEGRITY / EXTRA SECTION														
Special Instructions														

Work Cd	Work Code Desc	Action Code	Action Code Desc
TV	TV INSPECT	TV03	TELEVISED MAIN COND ASSESS

Motive Equipment Used		Rental Equipment Used	
Equip Nbr	Hours	Equipment Type	Operated Hours
			<input type="radio"/> Yes <input type="radio"/> No
			<input type="radio"/> Yes <input type="radio"/> No
			<input type="radio"/> Yes <input type="radio"/> No

Start Date/Time	End Date/Time	Department	Job Order Number	Employees	Hours
7/26/2007 12:27:49	7/26/2007 12:27:49	METRO WASTE WATER DEPT	8202	3	1

Service Request Comments
<p>PER 946 REQ FLUSHER CREW TO FLUSH FSN#8307 ON 8"VC MAIN, CAN HOLD..PAGED 8794..JKL</p> <p>PGED 758..JKL</p> <p>PER 758, ASSISTED IN FLUSHING MAIN FOR CITY PROTECTION....MF</p>

Work Order Comments
EXTRA SECTION HAS LOTS OF SMALL - LARGE ROOTS AT JOINTS.

Tabular Report of PLR C12S-035 X for City of SD

Work Order 3000622	Contract	Video cd	Setup 24
Facility 8317	Operator parker	Van Ref 303005	Surveyed On 07/26/2007
Street Name 5715 soledad mtn rd.		City san diego	
Location type Road carriageway			
Surface Chip seal road			
Survey purpose Specific problems on sewer system related to structural		Weather Dry	
Pipe Use Sanitary	Sched length 60.0 Ft	From C12S-035	Depth 25.00 Ft
Shape Circular	Size 8 by ins	To C12S-056	Depth Ft
Material Vitrified clay	Joint Spacing Ft	Direction Down	
Lining Plastic	Year laid	Pre-clean	Last Cleaned
General note Extra section		Structural	Service
Location note on desert view dr.		Miscellaneous	Hydraulic
		Constructional	

Video	Count	CD	Code	Sev	Fr	To	Value	Remarks
00000	0.0		ST					Start of Survey
00000	0.0		MH					Manhole/Node
00000	0.0		WL				5	Water level
	10.3		RJ		S			Roots at joint
	27.1		RJ		S			Roots at joint
	27.6		RJ		S			Roots at joint
	34.9		RJ		S			Roots at joint
	34.9		RJ		S			Roots at joint
	48.3		RJ		M			Roots at joint
	51.5		RJ		L			Roots at joint
	54.2		RJ		M			Roots at joint
	58.7		R		M			Roots
	60.0		MH					Manhole/Node
	60.0		FH					Finish of Surveys

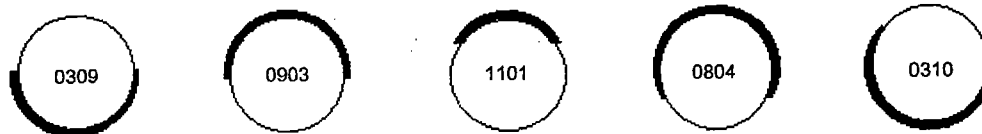
60.0 Ft Total Length Surveyed

Scores	Structural:	Total 0	Mean Defect 0	Peak 0	Mean Pipe 0
	Service:	Total 450	Mean Defect 45	Peak 100	Mean Pipe 7.5

Notes

Extra section Lots of roots at joints (S,M,L)

Clock references: Clock references are given clockwise ie from 10 o'clock to 2 o'clock = 1002. The upper part of a pipe is 0903 and the lower half is 0309. See Illustration below



City of San Diego Phone: Fax:

SWIM Workorder

Printed on: 10/4/2007

Nature of Complaint					Street #		Fr	Predir	Street Name		Sfx	Suite #	Juris
TELEWISE					5715				SOLEDAD MTN		RD		SD
UNSCHEDULED MAINTENANCE													
					Intersection								
					Location Description							Water/Sewer	
					5715 SOLEDAD MAOUNTAIN ROAD (CORRECT ADDRESS)							S	
					Cross Street Name								
SR #		WO #	Status	Gen Dt	Prt	Requestor Name		Area	Phone #	Contact			
3000622		7	CMP	07/26/07	1					N			
Fac Type		Fac Seq #											
MAIN		8312											
<input type="checkbox"/> Complete <input type="checkbox"/> Sketch					ES Service Area		Service Area	Field Book Pg		Grid			
					W		RC	C12S					
Radio#		Orig Radio#		Thos Bros Pg									
946		946		1248A2									
Job Description													
PIPE INTEGRITY / EXTRA SECTION.													
Special Instructions													

Work Cd	Work Code Desc	Action Code	Action Code Desc
TV	TV INSPECT	TV03	TELEVISED MAIN COND ASSESS

Motive Equipment Used		Rental Equipment Used	
Equip Nbr	Hours	Equipment Type	Operated
			<input type="radio"/> Yes <input type="radio"/> No
			<input type="radio"/> Yes <input type="radio"/> No
			<input type="radio"/> Yes <input type="radio"/> No

Start Date/Time	End Date/Time	Department	Job Order Number	Employees	Hours
7/26/2007 11:48:00	7/26/2007 12:23:39	METRO WASTE WATER DEPT	8202	3	1

Service Request Comments
PER 946 REQ FLUSHER CREW TO FLUSH FSN#8307 ON 8"VC MAIN, CAN HOLD..PAGED 8794..JKL
PGED 758..JKL
PER 758, ASSISTED IN FLUSHING MAIN FOR CITY PROTECTION....MF

Work Order Comments
THIS EXTRA SECTION MAIN IS LINED AND HAS JOINTSNW/ ROOTS FROM THEM SMALL THRU MED. CAMERA FLPPED OVER AND A REVERSE SET-UP WAS DONE TO COMPLETE SURVEY. REVERSE FOUND THIS 8" VC MAIN LINED, MADE A DIAMETER CHANGE AT SPOTS TO BE 7.5"AND ROOTS AT JOINTS (SM). CAMERA FLIPPED @ 158'.

Tabular Report of PLR C12S-032 X for City of SD

Work Order 3000622	Contract	Video cd	Setup 22
Facility 8312	Operator parker	Van Ref 303005	Surveyed On 07/26/2007
Street Name 5715 soledad mtn rd.		City san diego	
Location type Road carriageway			
Surface Chip seal road			
Survey purpose Specific problems on sewer system related to structural		Weather Dry	
Pipe Use Sanitary	Sched length 279.0 Ft	From C12S-032	Depth 12.00 Ft
Shape Circular	Size 8 by ins	To C12S-035	Depth 25.00 Ft
Material Vitrified clay	Joint Spacing Ft	Direction Down	
Lining Plastic	Year laid	Pre-clean	Last Cleaned
General note extra sections		Structural	Service
Location note on soledad mtn. rd.		Miscellaneous	Constructional
			Hydraulic

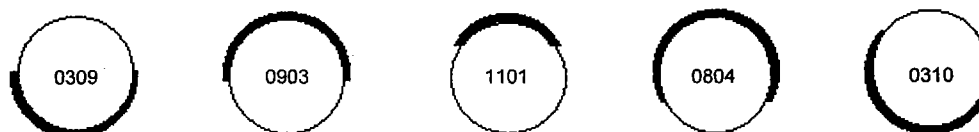
Video	Count	CD	Code	Sev	Fr	To	Value	Remarks
00000	0.0		ST Start of Survey					
00000	0.0		MH Manhole/Node					C12S-032
00000	0.0		WL Water level				3	
	54.0		RJ Roots at joint	M				
	121.1		CN Service Connection		02			
	124.2		RJ Roots at joint	S				
	125.6		RJ Roots at joint	S				
	128.3		SA Survey abandoned					CAM. FLIPPED

128.3 Ft Total Length Surveyed

Notes	Scores	Structural:	Total 0	Mean Defect 0	Peak 0	Mean Pipe 0
		Service:	Total 125	Mean Defect 31.3	Peak 75	Mean Pipe 1

Extra section main is lined and has joints w/ roots from them (S,M).

Clock references: Clock references are given clockwise ie from 10 o'clock to 2 o'clock = 1002. The upper part of a pipe is 0903 and the lower half is 0309. See Illustration below



Tabular Report of PLR C12S-032 X for City of SD

Work Order 3000622	Contract	Video cd	Setup 23
Facility 8312	Operator parker	Van Ref 303005	Surveyed On 07/26/2007
Street Name 5715 soledad mtn rd.		City san diego	
Location type Road carriageway			
Surface Chip seal road			
Survey purpose Specific problems on sewer system related to structural		Weather Dry	
Pipe Use Sanitary	Sched length 279.0 Ft	From C12S-035	Depth 25.00 Ft
Shape Circular	Size 8 by ins	To C12S-032	Depth 12.00 Ft
Material Vitrified clay	Joint Spacing Ft	Direction Up	
Lining Plastic	Year laid	Pre-clean	Last Cleaned
General note Reverse set up on sheet:22		Structural	Service
Location note on soledad mtn. rd.		Miscellaneous	Hydraulic
		Constructional	

Video	Count	CD	Code	Sev	Fr	To	Value	Remarks
00000	0.0		ST Start of Survey					
00000	0.0		MH Manhole/Node					C12S-035
00000	0.0		WL Water level				3	
	6.5		LL Bend in pipe left					
	11.4		LC Lining Defect	S				
	86.6		DC Diameter of sewer changes				07.5	
	129.0		CN Service Connection		09			
	156.0		RJ Roots at joint	S				
	158.4		DC Diameter of sewer changes				07.5	
	158.4		SA Survey abandoned					CSAM. FLIPPED

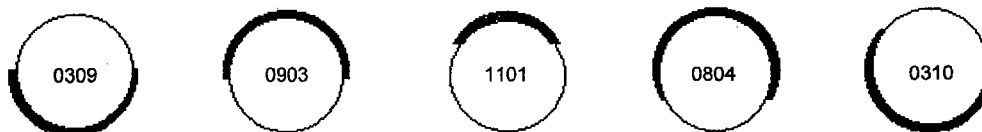
158.4 Ft **Total Length Surveyed**

Scores	Structural:	Total 50	Mean Defect 25	Peak 50	Mean Pipe 0.3
	Service:	Total 25	Mean Defect 12.5	Peak 25	Mean Pipe 0.2

Notes

Found repairs on this 8" vc lined main made diameter change in spots to be 7.5" and roots at joints (S), cam. flipped @ 158'.

Clock references: Clock references are given clockwise ie from 10 o'clock to 2 o'clock = 1002. The upper part of a pipe is 0903 and the lower half is 0309. See Illustration below



SWIM Workorder

Printed on: 10/4/2007

Nature of Complaint					Street # Fr Predir		Street Name		Sfx Suite # Juris	
TELEWISE					5715		SOLEDAD MTN		RD SD	
UNSCHEDULED MAINTENANCE										
					Intersection					
					Location Description				Water/Sewer	
					5715 SOLEDAD MAOUNTAIN ROAD (CORRECT ADDRESS)				S	
					Cross Street Name					
SR #		WO #		Status	Gen Dt	Prt				
3000622		8		CMP	07/26/07	1				
Fac Type		Fac Seq #								
MAIN		8311								
<input type="checkbox"/> Complete <input type="checkbox"/> Sketch										
Requestor Name			Area		Phone #		Contact			
							N			
ES Service Area		Service Area		Field Book Pg		Grid				
W		RC		C12S						
Radio#		Orig Radio#		Thos Bros Pg						
946		946		1248A2						
Job Description										
PIPE INTEGRITY / EXTRA SECTION.										
Special Instructions										

Work Cd	Work Code Desc	Action Code	Action Code Desc
TV	TV INSPECT	TV03	TELEVISED MAIN COND ASSESS

Motive Equipment Used		Rental Equipment Used	
Equip Nbr	Hours	Equipment Type	Operated
			<input type="radio"/> Yes <input type="radio"/> No
			<input type="radio"/> Yes <input type="radio"/> No
			<input type="radio"/> Yes <input type="radio"/> No

Start Date/Time	End Date/Time	Department	Job Order Number	Employees	Hours
7/26/2007 11:34:00	7/26/2007 11:45:53	METRO WASTE WATER DEPT	8202	3	1

Service Request Comments
PER 946 REQ FLUSHER CREW TO FLUSH FSN#8307 ON 8"VC MAIN, CAN HOLD..PAGED 8794..JKL
PGED 758..JKL
PER 758, ASSISTED IN FLUSHING MAIN FOR CITY PROTECTION....MF

Work Order Comments
THIS EXTRA SECTION OF MAIN IS LINED, @ 127.3' IS A LATERAL W/ ROOTS FROM IT (LRG.) WHICH MADE THE CAMERA FLIP. REVERSE SET-UP FOUND MAIN CLEAR UP UNTIL REACHING ROOTS THAT STOPPED CAMERA GOING D/S.

Tabular Report of PLR C12S-384 X for City of SD

Work Order 3000622	Contract	Video cd	Setup 20
Facility 8311	Operator parker	Van Ref 303005	Surveyed On 07/26/2007
Street Name 5715 soledad mtn rd.		City san diego	
Location type Road carriageway			
Surface Chip seal road			
Survey purpose Specific problems on sewer system related to structural		Weather Dry	
Pipe Use Sanitary	Sched length 156.0 Ft	From C12S-384	Depth 12.00 Ft
Shape Circular	Size 8 by ins	To C12S-032	Depth Ft
Material Vitrified clay	Joint Spacing Ft	Direction Down	
Lining Plastic	Year laid	Pre-clean	Last Cleaned
General note extra sections		Structural	Service
Location note on soledad mtn. rd.		Miscellaneous	Constructional
			Hydraulic

Video	Count	CD	Code	Sev	Fr	To	Value	Remarks
00000	0.0		ST					Start of Survey
00000	0.0		MH					Manhole/Node
00000	0.0		WL				3	Water level
	11.7		CN		03			Service Connection
	51.3		CN		10			Service Connection
	113.4		CN		03			Service Connection
	127.3		CN		03			Service Connection
	127.3		CR	L	03			Roots from lateral
	128.5		SA					Survey abandoned

128.5 Ft Total Length Surveyed

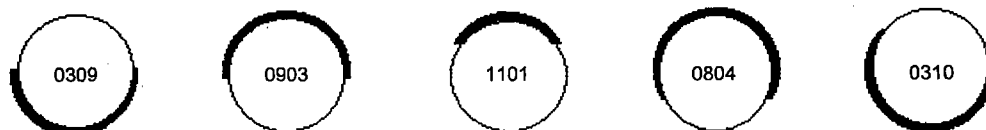
Scores

Structural:	Total 0	Mean Defect 0	Peak 0	Mean Pipe 0
Service:	Total 75	Mean Defect 37.5	Peak 75	Mean Pipe 0.6

Notes

Extra section this main is lined @ 127.3' is a lateral w/ roots from it (L) that made cam. flip.

Clock references: Clock references are given clockwise ie from 10 o'clock to 2 o'clock = 1002. The upper part of a pipe is 0903 and the lower half is 0309. See Illustration below



City of San Diego Phone: Fax:

Tabular Report of PLR C12S-384 X for City of SD

Work Order 3000622	Contract	Video cd	Setup 21
Facility 8311	Operator parker	Van Ref 303005	Surveyed On 07/26/2007
Street Name 5715 soledad mtn rd.		City san diego	
Location type Road carriageway			
Surface Chip seal road			
Survey purpose Specific problems on sewer system related to structural Weather Dry			
Pipe Use Sanitary	Sched length 156.0 Ft	From C12S-032	Depth Ft
Shape Circular	Size 8 by ins	To C12S-384	Depth 12.00 Ft
Material Vitrified clay	Joint Spacing Ft	Direction Up	
Lining Plastic	Year laid	Pre-clean	Last Cleaned
General note Reverse set up on sheet:20		Structural	Service
Location note on soledad mtn. rd.		Miscellaneous	Hydraulic
		Constructional	

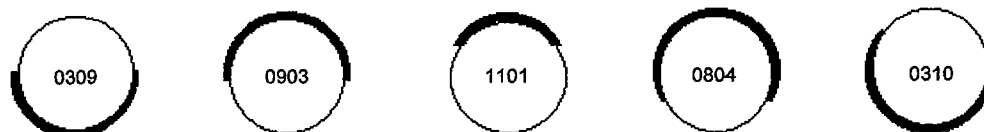
Video	Count	CD	Code	Sev	Fr	To	Value	Remarks
00000	0.0		ST Start of Survey					
00000	0.0		MH Manhole/Node					C12S-032
00000	0.0		WL Water level				3	
	11.5		CN Service Connection		09			
	28.5		CN Service Connection		02			
	28.5		CR Roots from lateral	L	02			
	29.5		R Roots	L				ROOTS AHEAD
	30.0		SA Survey abandoned					CAN NOT PASS

30.0 Ft **Total Length Surveyed**

Notes	Scores	Structural:	Total 0	Mean Defect 0	Peak 0	Mean Pipe 0
		Service:	Total 175	Mean Defect 58.3	Peak 100	Mean Pipe 5.8

Tved for rev. set up found 2 laterals w/ roots from them (L)

Clock references: Clock references are given clockwise ie from 10 o'clock to 2 o'clock = 1002. The upper part of a pipe is 0903 and the lower half is 0309. See Illustration below



SWIM Workorder

Printed on: 10/4/2007

Nature of Complaint					Street #		Fr	Predir	Street Name		Sfx	Suite #	Juris
TELEWISE					5715				SOLEDAD MTN		RD		SD
UNSCHEDULED MAINTENANCE													
					Intersection								
					Location Description							Water/Sewer	
					5715 SOLEDAD MAOUNTAIN ROAD (CORRECT ADDRESS)							S	
					Cross Street Name								
					Requestor Name		Area	Phone #		Contact			
										N			
					ES Service Area		Service Area	Field Book Pg		Grid			
					W		RC	C12S					
					Radio#		Orig Radio#	Thos Bros Pg					
					946		946	1248A2					
					Job Description								
					PIPE INTEGRITY / EXTRA SECTION.								
					Special Instructions								

Work Cd	Work Code Desc	Action Code	Action Code Desc
TV	TV INSPECT	TV03	TELEVISED MAIN COND ASSESS

Motive Equipment Used		Rental Equipment Used	
Equip Nbr	Hours	Equipment Type	Operated
			<input type="radio"/> Yes <input type="radio"/> No
			<input type="radio"/> Yes <input type="radio"/> No
			<input type="radio"/> Yes <input type="radio"/> No

Start Date/Time	End Date/Time	Department	Job Order Number	Employees	Hours
7/26/2007 11:16:07	7/26/2007 11:16:08	METRO WASTE WATER DEPT	8202	2	1

Service Request Comments
PER 946 REQ FLUSHER CREW TO FLUSH FSN#8307 ON 8"VC MAIN, CAN HOLD..PAGED 8794..JKL
PGED 758..JKL
PER 758, ASSISTED IN FLUSHING MAIN FOR CITY PROTECTION....MF

Work Order Comments
THIS EXTRA SECTION HAS A LATERAL W/ ROOTS FROM IT (LRG.) AND FROM AROUND THE TAP (SM.). ALSO A CIRCULAR CRACK AT A JOINT NEAR THE D/E MH.

Tabular Report of PLR C12S-026 X for City of SD

Work Order 3000622	Contract	Video cd	Setup 17
Facility 8307	Operator parker	Van Ref 303005	Surveyed On 07/26/2007
Street Name 5715 soledad mtn rd.		City san diego	
Location type Road carriageway			
Surface Chip seal road			
Survey purpose Specific problems on sewer system related to structural		Weather Dry	
Pipe Use Sanitary	Sched length 318.0 Ft	From C12S-025	Depth 20.00 Ft
Shape Circular	Size 8 by ins	To C12S-026	Depth Ft
Material Vitrified clay	Joint Spacing Ft	Direction Up	
Lining	Year laid	Pre-clean	Last Cleaned
General note extra sections tv to assess condition		Structural	Service
Location note on soledad mtn. rd.		Miscellaneous	Constructional
		Hydraulic	

Video	Count	CD	Code	Sev	Fr	To	Value	Remarks
00000	0.0		ST					Start of Survey
00000	0.0		MH					Manhole/Node
00000	0.0		WL				3	Water level
	32.5		CN		02			Service Connection
	68.6		CN		11			Service Connection
	108.0		CN		02			Service Connection
	143.8		CN		10			Service Connection
	183.5		CN		02			Service Connection
	206.0		CN		10			Service Connection
	255.5		CN		02			Service Connection
	278.3		CN		02			Service Connection
	314.2		CB		02			Break in Connection
	314.2		CR	L	02			Roots from lateral
	314.2		CRA	S	02			Roots around Lateral
	315.2		CCJ	S	12	11		Circular Crack at joint
	318.0		MH					Manhole/Node
	318.0		FH					Finish of Surveys

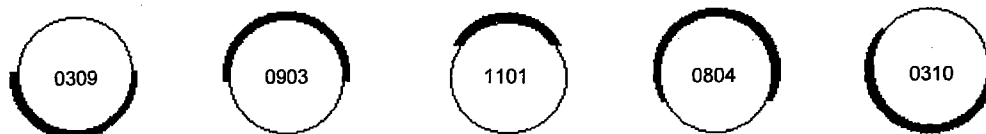
318.0 Ft **Total Length Surveyed**

Scores	Structural:	Total 100	Mean Defect 50	Peak 100	Mean Pipe 0.3
	Service:	Total 95	Mean Defect 31.7	Peak 95	Mean Pipe 0.3

Notes

Extra section 1 lateral w/ roots from it (L) and from around the tap (S) also a cir. crack at a joint near the d/e m/h.

Clock references: Clock references are given clockwise ie from 10 o'clock to 2 o'clock = 1002. The upper part of a pipe is 0903 and the lower half is 0309. See illustration below



SWIM Workorder

Printed on: 10/4/2007

Nature of Complaint					Street # Fr Predir		Street Name		Sfx Suite # Juris	
TELEWISE					5715		SOLEDAD MTN		RD SD	
UNSCHEDULED MAINTENANCE										
					Intersection					
					Location Description				Water/Sewer	
					5715 SOLEDAD MAOUNTAIN ROAD (CORRECT ADDRESS)				S	
					Cross Street Name					
SR #		WO #		Status	Gen Dt	Prt				
3000622		12		CMP	09/25/07	2				
Fac Type		Fac Seq #								
MAIN		8306								
<input type="checkbox"/> Complete <input type="checkbox"/> Sketch					Requestor Name		Area	Phone #	Contact	
									N	
					ES Service Area	Service Area	Field Book Pg	Grid		
					W	RC	C12S			
Radio#		Orig Radio#		Thos Bros Pg						
946				1248A2						
Job Description										
RE-TV TO MONITOR MAINS										
Special Instructions										
ENVIRONMENTALLY SENSITIVE AREA. PERMITS MAY BE REQUIRED. CONTACT YOUR SUPERVISOR FOR INSTRUCTIONS.										

Work Cd	Work Code Desc	Action Code	Action Code Desc
TV	TV INSPECT	TV03	TELEVISED MAIN COND ASSESS

Motive Equipment Used		Rental Equipment Used	
Equip Nbr	Hours	Equipment Type	Operated
			<input type="radio"/> Yes <input type="radio"/> No
			<input type="radio"/> Yes <input type="radio"/> No
			<input type="radio"/> Yes <input type="radio"/> No

Start Date/Time	End Date/Time	Department	Job Order Number	Employees	Hours
9/26/2007 09:14:00	9/26/2007 09:14:00	METRO WASTE WATER DEPT	8203	3	1

Service Request Comments

PER 946 REQ FLUSHER CREW TO FLUSH FSN#8307 ON 8"VC MAIN, CAN HOLD..PAGED 8794..JKL

PGED 758..JKL

PER 758, ASSISTED IN FLUSHING MAIN FOR CITY PROTECTION....MF

Work Order Comments

TVD MAIN GOING D/S AND FOUND MAIN TO HAVE SMALL ROOTS AT SOME JOINTS AND SMALL TO MEDIUM ROOTS FROM SOME LATERALS.

Tabular Report of PLR C12S-025 B for City Of SD

Work Order 3000622	Contract	Video cd	Setup 18
Facility 8306	Operator parker	Van Ref 303005	Surveyed On 09/26/2007
Street Name 5715 soledad mtn. rd.		City san diego	
Location type Road carriageway			
Surface Chip seal road			
Survey purpose Specific problems on sewer system related to structural Weather Dry			
Pipe Use Sanitary	Sched length 320.0 Ft	From C12S-025	Depth 15.00 Ft
Shape Circular	Size 8 by ins	To C12S-024	Depth Ft
Material Vitrified clay	Joint Spacing Ft	Direction Down	
Lining	Year laid	Pre-clean	Last Cleaned
General note re-tv to monitor mains		Structural	Service
Location note on soledad mtn. rd.		Miscellaneous	Hydraulic
		Constructional	

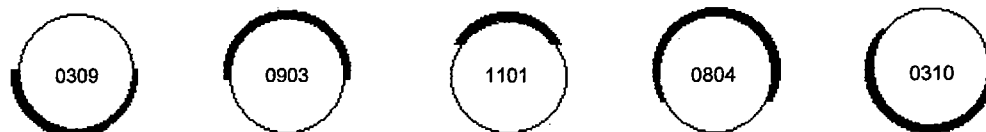
Video	Count	CD	Code	Sev	Fr	To	Value	Remarks
00000	0.0		ST Start of Survey					
00000	0.0		MH Manhole/Node					C12S-025
00000	0.0		WL Water level				3	
	6.9		CN Service Connection		02			
	42.9		CN Service Connection		10			
	62.5		CN Service Connection		02			
	80.4		CMJ Cracks multiple at joint	S	02			
	83.8		CCJ Circular Crack at joint	S	03	06		
	83.9		RJ Roots at joint	S				
	85.0		RJ Roots at joint	S				
	124.7		CN Service Connection		10			
	124.7		CR Roots from lateral	M	10			
	127.8		CN Service Connection		02			
	127.8		CR Roots from lateral	M	02			
	128.6		RJ Roots at joint	S				
	193.8		CN Service Connection		02			
	193.8		CR Roots from lateral	S	02			
	194.8		RJ Roots at joint	S				
	203.6		CN Service Connection		10			
	203.6		CR Roots from lateral	S	10			
	238.6		RJ Roots at joint	S				
	263.1		CN Service Connection		02			
	278.6		CN Service Connection		11			
	324.0		MH Manhole/Node					C12S-024
	324.0		FH Finish of Surveys					END

324.0 Ft **Total Length Surveyed**

Notes	Scores	Structural:	Total 200	Mean Defect 100	Peak 100	Mean Pipe 0.6
		Service:	Total 265	Mean Defect 26.5	Peak 50	Mean Pipe 0.8

Roots at some joints (S) and from some laterals (S,M).

Clock references: Clock references are given clockwise ie from 10 o'clock to 2 o'clock = 1002. The upper part of a pipe is 0903 and the lower half is 0309. See Illustration below



SWIM Workorder

Printed on: 10/4/2007

Nature of Complaint

TELEWISE
UNSCHEDULED MAINTENANCE

Street # Fr Predir Street Name Sfx Suite # Juris
5715 SOLEDAD MTN RD SD

Intersection

Location Description

5715 SOLEDAD MAOUNTAIN ROAD (CORRECT ADDRESS) S

Cross Street Name

SR # WO # Status Gen Dt Prty
3000622 13 CMP 09/25/07 2

Fac Type Fac Seq

MAIN 8307

☐ Complete

☐ Sketch

Requestor Name Area Phone # Contact

ES Service Area Service Area Field Book Pg Grid
W RC C12S

Radio# Orig Radio# Thos Bros Pg

946 1248A2

Job Description

RE-TV TO MONITOR MAINS

Special Instructions

ENVIRONMENTALLY SENSITIVE AREA. PERMITS MAY BE REQUIRED. CONTACT YOUR SUPERVISOR FOR INSTRUCTIONS.

Work Cd Work Code Desc Action Code Action Code Desc
TV TV INSPECT TV03 TELEVISED MAIN COND ASSESS

Motive Equipment Used

Equip Nbr Hours

Rental Equipment Used

Equipment Type Operated Hours

Equip Nbr	Hours	Equipment Type	Operated	Hours
			<input type="radio"/> Yes <input type="radio"/> No	
			<input type="radio"/> Yes <input type="radio"/> No	
			<input type="radio"/> Yes <input type="radio"/> No	

Start Date/Time	End Date/Time	Department	Job Order Number	Employees	Hours
9/26/2007 12:00:00	9/26/2007 13:00:00	METRO WASTE WATER DEPT	8202	3	1

Service Request Comments

PER 946 REQ FLUSHER CREW TO FLUSH FSN#8307 ON 8"VC MAIN, CAN HOLD..PAGED 8794..JKL

PGED 758..JKL

PER 758, ASSISTED IN FLUSHING MAIN FOR CITY PROTECTION....MF

Work Order Comments

FOUND SOME SMALL ROOTS AT JOINTS, ALSO ROCKS THAT ARE POSS. FROM A LATERAL THAT WAS HIT BY WATER DEPT. ON 09/25/07 WHILE INSTALLING A CUT & PLUG IN FRONT OF 5685 SOLEDAD MNT. RD. CALLED FOR A FLUSHER CREW VIA STA.#38 TO REMOVE THESE ROCKS. ** RE-TV'D MAIN AFTER CLEANING (09-26-07) AND FOUND THAT ROCKS HAVE BEEN REMOVED AND THE MAIN IS CLEAR AT THIS TIME.

Tabular Report of PLR C12S-026 X for City Of SD

Work Order 3000622	Contract	Video cd	Setup 16
Facility 8307	Operator parker	Van Ref 303005	Surveyed On 09/26/2007
Street Name 5715 soledad mtn. rd.		City san diego	
Location type Road carriageway			
Surface Chip seal road			
Survey purpose Specific problems on sewer system related to structural		Weather Dry	
Pipe Use Sanitary	Sched length 317.0 Ft	From C12S-025	Depth 15.00 Ft
Shape Circular	Size 8 by ins	To C12S-026	Depth 15.00 Ft
Material Vitrified clay	Joint Spacing Ft	Direction Up	
Lining	Year laid	Pre-clean	Last Cleaned
General note re-tv to monitor mains		Structural	Service
Location note on soledad mtn. rd.		Miscellaneous	Hydraulic
		Constructional	

Video	Count	CD	Code	Sev	Fr	To	Value	Remarks
00000	0.0		ST					Start of Survey
00000	0.0		MH					Manhole/Node
00000	0.0		WL				1	Water level
	23.2		CCJ					Circular Crack at joint
	29.1		CN			01		Service Connection
	65.3		CN			11		Service Connection
	104.5		CN			02		Service Connection
	108.8		DE		M			Debris
	114.8		DE		L			Debris
	129.0		DE		L			Debris
	129.0		SA					Survey abandoned

129.0 Ft **Total Length Surveyed**

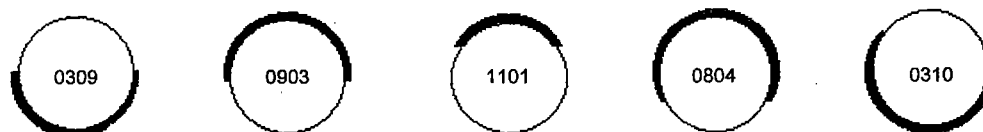
Scores

Structural:	Total 100	Mean Defect 100	Peak 100	Mean Pipe 0.8
Service:	Total 105	Mean Defect 26.3	Peak 75	Mean Pipe 0.8

Notes

Found debris (treanch rocks) starting @ 108' and cam. was able to go 129' up/s will do rev. set up.

Clock references: Clock references are given clockwise ie from 10 o'clock to 2 o'clock = 1002. The upper part of a pipe is 0903 and the lower half is 0309. See Illustration below



Tabular Report of PLR C12S-026 X for City Of SD

Work Order 3000622	Contract	Video cd	Setup 17
Facility 8307	Operator parker	Van Ref 303005	Surveyed On 09/26/2007
Street Name 5715 soledad mtn. rd.		City san diego	
Location type Road carriageway			
Surface Chip seal road			
Survey purpose Specific problems on sewer system related to structural		Weather Dry	
Pipe Use Sanitary	Sched length 317.0 Ft	From C12S-026	Depth 15.00 Ft
Shape Circular	Size 8 by ins	To C12S-025	Depth 15.00 Ft
Material Vitrified clay	Joint Spacing Ft	Direction Down	
Lining	Year laid	Pre-clean	Last Cleaned
General note Reverse set up on sheet: 16		Structural	Service
Location note on soledad mtn. rd.		Miscellaneous	Constructional
		Hydraulic	

Video	Count	CD	Code	Sev	Fr	To	Value	Remarks
00000	0.0		ST Start of Survey					
00000	0.0		MH Manhole/Node					C12S-026
00000	0.0		WL Water level				1	
	3.1		CB Break in Connection		10			
	3.1		CRA Roots around Lateral	S	10			
	3.7		RJ Roots at joint	S				
	38.6		CN Service Connection		02			
	61.3		CN Service Connection		10			
	99.1		RJ Roots at joint	S				
	101.9		RJ Roots at joint	S				
	106.8		RJ Roots at joint	S				
	110.5		CN Service Connection		02			
	112.6		RJ Roots at joint	S				
	133.3		CN Service Connection		11			
	151.0		RJ Roots at joint	S				
	151.5		RJ Roots at joint	S				
	169.8		WL Water level				0030	
	174.9		CN Service Connection		02			
	175.0		GO General observation					POSS. ROCKS FROM LATERAL WATER
	190.0		DE Debris	L				ROCKS
	191.0		SA Survey abandoned					CAN NOT PASS

191.0 Ft **Total Length Surveyed**

Scores	Structural:	Total 0	Mean Defect 0	Peak 0	Mean Pipe 0
	Service:	Total 210	Mean Defect 19.1	Peak 25	Mean Pipe 1.1

Notes

Found some roots at joints (S), also rocks poss. from a lateral that was hit by water dept. on 09/25/07 when installing a cut and plug in front of 5685 soledad mtn. rd. called for a flusher crew via sta.38 to remove these rocks.

Clock references: Clock references are given clockwise ie from 10 o'clock to 2 o'clock = 1002. The upper part of a pipe is 0903 and the lower half is 0309. See Illustration below

